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Ohio Labor Market Information

Labor Market Review

1984 Annual Averages

In 1984, Ohio continued its employment recovery from the recessions of the early 1980's, the deepest downturn since the 1930's. Total employment increased substantially after 1982, although Ohio has not returned to its prerecession peak level. Most of the job growth in the state has occurred in services, trade, and finance, insurance, and real estate. Manufacturing provided a much smaller share of the jobs in Ohio in 1984 than in 1979, although significant recovery of factory jobs occurred in some industries. Job loss and recovery performances varied across the state, with some areas faring much better than others.

Labor Force. Ohio's civilian labor force reached a peak of 5,114,000 in 1982, but declined .3 percent in 1983, to 5,100,000. The number was virtually unchanged in 1984, at 5,099,000. In contrast, the U.S. labor force grew 3.0 percent between 1982 and 1984.

Civilian Labor Force Estimates for the United States and Ohio
(Employed and Unemployed in thousands)

OHIO					UNITED STATES			
Civilian Labor Force					Civilian Labor Force			
	Employment					Employment		
		Unemployment					Unemployment	
		Total	Rate[b]				Total	Rate[b]
4389	4153	236	5.4	1970	82771	79120	4851	4.9
4416	4130	286	6.5	1971	84382	77902	5016	5.9
4510	4261	249	5.5	1972	87034	82153	4882	5.6
4621	4423	198	4.3	1973	89429	85064	4365	4.9
4709	4483	225	4.8	1974	91949	86734	5156	5.6
4721	4292	429	9.1	1975	93775	85846	7929	8.5
4749	4378	370	7.8	1976	96158	88752	7406	7.7
4830	4518	312	6.5	1977	99009	92017	6991	7.1
4956	4688	268	5.4	1978	102251	96049	6202	6.1
5056	4758	298	5.9	1979	104962	99024	6137	5.8
5088	4661	427	8.4	1980	106940	99303	7637	7.1
5098	4606	492	9.6	1981	108670	100397	8273	7.6
5114	4474	640	12.5	1982	110204	99526	10678	9.7
5100	4479	621	12.2	1983	111550	100834	10717	9.6
5099	4618	481	9.4	1984	113544	105005	8631	7.5

[a]Data are based upon place of residence, compiled from the Current Population Survey of the U.S. Department of Labor. Employment and unemployment may not add to civilian labor force due to rounding. [b]Unemployment as percentage of civilian labor force, based on unrounded figures.

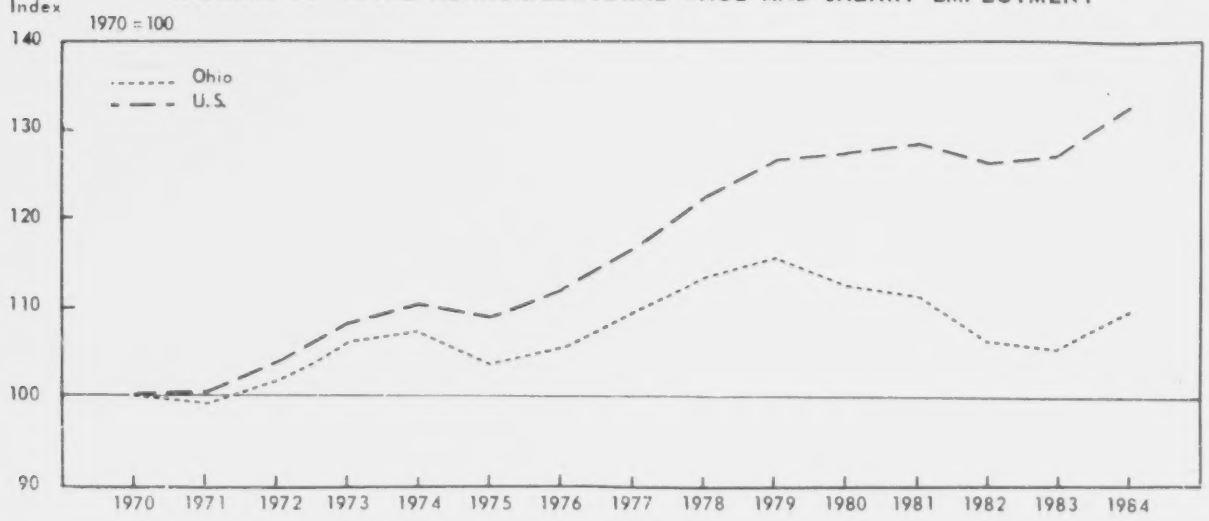
Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Unemployment. In 1982, 640,000 people were unemployed in Ohio as the annual average unemployment rate climbed to 12.5 percent. The number of jobless dropped to 481,000 in 1984, and the rate was reduced to 9.4 percent. The unemployment rate in the U.S. also peaked in 1982, at 9.7 percent, but was down to an annual average of 7.5 percent by 1984.

Due to the concentration of cyclically sensitive manufacturing industries in Ohio, the state generally experiences unemployment rates above the national level during recessionary periods, and rates nearer the nation's during expansion periods. Through the end of 1984, the gap between the U.S. and Ohio rates narrowed but had not closed. Continued problems in manufacturing caused Ohio unemployment rates to remain above national rates during the periods of expansion after the 1980 and 1982 recessions.

Total Employment. After the trough of the recession in 1982, Ohio made significant progress in regaining lost jobs, especially during 1984. Total employment rose 3.1 percent, from 4,479,000 in 1983 to 4,618,000 in 1984 (see table, page 1). However, losses were not completely restored. Total employment in 1984 remained well below the 1979 level, when the unemployment rate was 5.8 percent.

INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



OHIO AND U.S. UNEMPLOYMENT RATES

Declining Industries. Among the declining sectors in Ohio's economy, the largest percentage drop was in railroads, although the remainder of the transportation industry was included in the growth group. Two of the declining sectors were in nondurable-goods manufacturing: food products and chemicals.

With the exception of electric, gas, and sanitary services, the industries declining in the state either declined nationally or had only marginal national increases in 1984.

Losses and Recovery. The table below, shows the losses and gains for Ohio and U.S. manufacturing and nonmanufacturing industries during the most recent recession-recovery period, 1979-1984.

EMPLOYMENT CHANGES AND RECOVERY RATES
BY SELECTED INDUSTRY
ANNUAL AVERAGES FOR 1979, 1983, and 1984

Industry	Ohio Annual Average Nonagricultural Wage and Salary Employment (in thousands) Peak 1979	Trough 1983	Current 1984	Changes 1979-83	Changes 1984-1983	Percent Recovery Ohio	Percent Recovery U.S.
TOTAL	4484.8	4091.7	4246.0	-393.1	156.3	39.8	—
MANUFACTURING	1382.3	1066.0	1125.1	-316.3	59.1	18.7	37.5
DURABLE GOODS	980.3	724.6	771.6	-256.9	46.8	18.8	39.2
Lumber and wood products	15.7	13.3	15.0	- 1.8	1.7	94.4	45.5
Furniture and fixtures	17.7	13.7	14.1	- 4.0	1.3	32.5	76.0
Stone, clay, and glass products	84.7	56.1	54.9	- 17.6	-.4	-	10.0
Primary metal industries	156.9	104.1	108.2	- 54.8	4.8	7.7	6.2
Fabricated metal products	179.5	129.7	138.2	- 49.8	8.5	16.9	27.0
Machinery, except electrical	263.8	184.3	197.1	- 69.5	12.8	18.5	30.3
Electric and electronic equipment	117.8	89.4	98.3	- 28.2	9.1	32.4	187.5
Transportation equipment	165.8	130.1	140.3	- 35.7	13.2	36.7	48.2
Instruments and related products	30.7	21.8	23.2	- .5	2.0	+	+
NONDURABLE GOODS	401.8	340.4	353.5	- 59.4	10.9	18.4	32.5
Food and kindred products	74.4	63.4	62.8	- 11.0	- .4	-	9.4
Apparel and other textile products	18.6	16.3	17.2	- 2.3	.9	39.1	64.1
Paper and allied products	39.5	35.0	36.7	- 4.5	1.7	37.8	45.5
Printing and publishing	67.0	62.4	64.7	- 4.6	1.4	30.4	+
Chemicals and allied products	66.4	61.4	62.0	- 5.0	- .6	-	7.1
Rubber and misc. plastics products	106.7	82.7	91.0	- 24.0	8.3	34.6	100.0
NONMANUFACTURING	3102.5	3025.7	3120.9	- 76.8	97.3	126.7	+
MINING	31.9	20.4	22.4	- 5.5	1.9	20.4	366.7
CONSTRUCTION	185.9	130.8	142.9	- 55.1	12.1	23.6	77.1
TRANSPORTATION AND PUBLIC UTILITIES	278.1	198.4	205.7	- 79.7	7.4	21.4	114.2
WHOLESALE TRADE	295.8	282.4	299.9	- 13.3	15.4	136.1	+
RETAIL TRADE	742.4	711.0	740.7	- 31.4	29.7	94.6	+
FINANCE, INSURANCE, AND REAL ESTATE	204.6	207.0	211.5	6.4	4.5	+	+
SERVICES	809.2	873.3	903.8	67.1	30.5	+	+
GOVERNMENT	674.0	656.1	654.1	- 17.9	- 1.9	-	147.4

\+ no downturn, 1979-1983

\- no upturn, 1983-1984

Current Industry Statistics. Beginning with publication of the January 1985 issue of the **Ohio Labor Market Review**, the current employment, hours, and earnings series were revised to more closely reflect the changing industry structure in the state. Additional detail is now published for nonmanufacturing industries, especially in services, while fewer series are now available in manufacturing. In total, thirteen nonmanufacturing and three manufacturing industry cells have been added; eleven manufacturing cells have been discontinued. Seventy-five industries were added to the publication for the eight largest metropolitan areas while eighteen were dropped. Industries where publication was discontinued generally had reduced employment levels that could no longer be accurately estimated in the monthly industry survey.

Nonagricultural Wage and Salary Employment. Ohio's nonfarm employment expanded 3.8 percent, from 4,091,700 to 4,248,000, between 1983 and 1984. Most of the expansion occurred in nonmanufacturing, especially services and retail trade. Important increases were also reported in durable-goods manufacturing in 1984, the sector hardest hit in recent economic downturns.

Growth Industries. Between 1983 and 1984, the most rapidly growing industry in Ohio and the U.S. was business services (see table below). Of the ten growth sectors listed, four are in manufacturing, including Ohio's three largest manufacturing industries: nonelectrical machinery, transportation equipment, and fabricated metals. Three of the growth sectors are in trade; one is in services. In five of the ten most rapidly growing sectors in Ohio--transportation equipment, wholesale trade-durable goods, business services, nonelectrical machinery, and transportation, except railroads--the state outpaced the nation.

EMPLOYMENT GAINS AND LOSSES
OHIO AND U.S., 1983-1984**

	1984 Ohio Employment (in thousands)	1983-1984 Percent Change	
		Ohio	U.S.
Most Rapidly Growing Industries			
Business Services	149.8	14.8	14.4
Transportation Equipment	145.3*	10.0	9.1
Rubber and Plastics	91.0*	10.0	10.0
Special Trade Contractors	87.1*	9.8	12.8
Nonelectrical Machinery	167.1*	8.3	8.1
Transportation, Except Railroads	93.5	8.2	8.1
Wholesale Trade-Durable Goods	149.6*	7.1	6.6
Auto Dealers and Gas Stations	81.6*	7.1	7.6
Fabricated Metals	138.2*	6.6	6.9
Eating and Drinking Places	253.8	4.6	7.2
Declining Industries			
Railroads	18.7*	- 1.1	- 1.9
Food Products	62.8*	- .9	.2
Chemicals	62.8*	- .9	.5
Banking	58.0	- .9	.9
Electric, Gas, and Sanitary Services	40.1	- .7	1.6
Local Government	424.5*	- .7	.3
Heavy Construction Contractors	19.4*	- .5	- 2.0
Total, All Industries	4248.0*	3.8	4.7
Manufacturing	1125.1*	5.5	5.3
Nonmanufacturing	3122.9	3.2	4.6

*1984 Employment is below 1979 level.
**Includes only employment sectors with changes exceeding 5,000 employees in Ohio.

Between the prerecession peak year, 1979, and the trough year, 1983, Ohio lost nearly 400,000 nonfarm wage and salary jobs, most of them in durable-goods manufacturing. Heaviest losses occurred in nonelectrical machinery, primary metals, fabricated metals, and transportation equipment. Significant downturns were also experienced in construction, transportation and public utilities, and in retail trade.

Between 1983 and 1984, Ohio regained 156,000 jobs, or 39.8 percent of the recession losses. The growth was concentrated in the nonmanufacturing sector, especially in business and health services, and retail and wholesale trade. By 1984, total nonmanufacturing employment had grown beyond its prerecession level. Construction, transportation and public utilities, and mining, however, had recovered less than one-fourth of the jobs lost in these industries during the recessionary period.

In Ohio manufacturing, greatest improvements between 1983 and 1984 were reported in transportation equipment, nonelectrical machinery, and rubber and plastics products. With the exceptions of chemicals and foods, all manufacturing industries registered gains.

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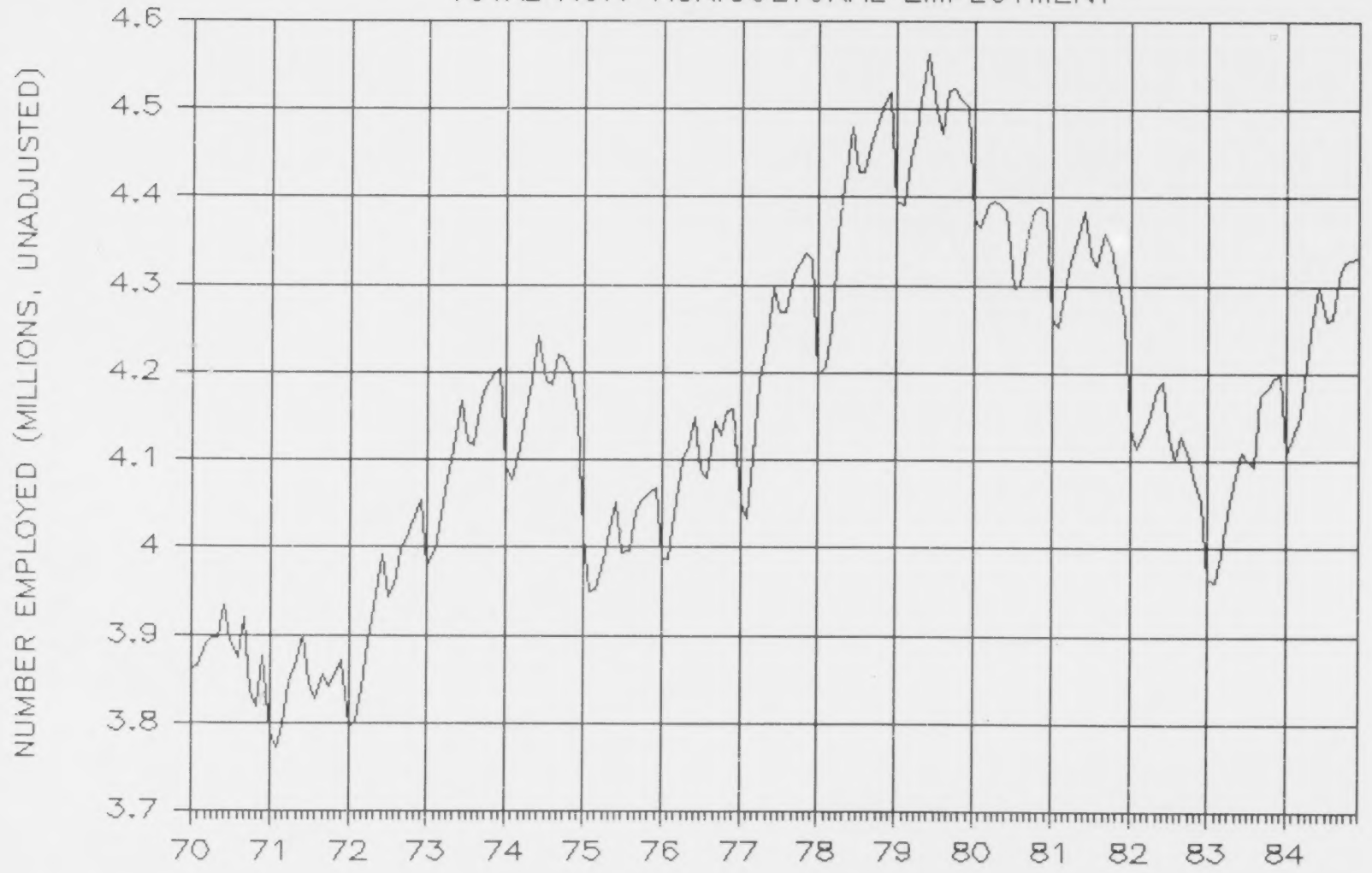
STATE OF OHIO

TOTAL NON—AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a]
(in thousands)

1.

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4248.0	4107.8	4126.2	4150.5	4208.9	4262.5	4298.5	4260.2	4262.7	4308.5	4326.9	4330.2	4332.8
MANUFACTURING	1125.1	1096.9	1103.8	1113.1	1120.5	1127.1	1136.1	1131.3	1134.3	1139.7	1134.6	1133.6	1130.5
Durable Goods[b]	771.8	750.4	757.7	764.4	770.1	774.4	780.2	777.3	777.2	779.1	777.4	777.8	776.0
Lumber and wood products	15.6	13.8	14.3	14.9	15.2	15.8	16.3	16.3	16.3	16.3	16.1	16.0	16.0
Furniture and fixtures	15.0	14.8	15.1	15.1	15.3	14.7	15.3	15.1	14.8	15.0	15.0	15.0	14.5
Stone, clay, and glass products	52.5	50.6	50.3	51.2	52.0	52.9	53.7	53.6	53.9	53.9	53.4	52.7	51.9
Glass and glassware, pressed or blown	12.9	13.0	13.1	13.1	12.9	12.9	12.9	12.8	12.8	13.1	12.9	12.5	12.5
Primary metal industries	108.3	108.3	109.4	110.3	111.1	110.4	110.7	109.6	107.5	107.0	106.1	105.4	104.1
Blast furnace and basic steel products	51.8	53.0	53.7	53.7	54.1	54.2	54.1	53.0	50.9	49.6	49.0	48.9	47.5
Iron and steel foundries	21.7	21.7	22.0	22.3	22.4	21.5	21.6	21.7	21.6	21.9	21.7	21.1	21.0
Nonferrous rolling and drawing	18.8	18.7	18.7	18.6	18.8	18.7	18.8	18.8	18.7	19.2	18.9	19.1	19.1
Fabricated metal products	138.2	135.0	135.1	136.3	136.9	138.5	139.7	138.6	139.3	140.4	139.3	139.8	139.5
Cutlery, hand tools, and hardware	11.5	11.2	11.3	11.5	11.4	11.5	11.5	11.3	11.5	11.6	11.6	11.6	11.6
Fabricated structural metal products	28.4	27.7	27.1	27.2	27.6	28.0	28.6	28.8	28.8	29.2	29.3	29.3	28.8
Metal forgings and stampings	44.5	43.8	44.0	44.3	44.6	44.9	44.8	44.0	44.0	45.0	44.2	44.9	45.1
Machinery, except electrical	167.1	161.3	162.7	164.4	166.5	167.9	168.1	167.7	168.3	169.8	168.7	169.9	169.4
Construction and related machinery	16.3	16.3	16.2	16.2	16.4	16.6	16.7	16.5	16.5	16.3	16.2	16.4	15.9
Metalworking machinery	41.9	39.9	40.5	40.8	41.3	41.7	42.1	42.2	42.5	42.9	42.9	43.0	43.2
Special industry machinery	18.7	17.6	17.9	18.5	18.7	18.8	18.3	18.5	18.8	19.3	19.3	19.4	19.5
General industrial machinery	31.9	31.0	31.2	31.5	31.9	32.2	32.4	32.5	32.4	32.5	31.7	32.0	32.0
Office and computing machines	13.3	12.9	12.9	12.9	13.0	13.2	13.6	13.7	13.7	13.6	13.5	13.5	13.4
Refrigeration and service machinery	17.0	17.2	17.3	17.4	17.5	17.7	17.3	16.5	16.2	16.9	16.5	16.6	16.6
Electric and electronic equipment	92.9	90.7	91.6	92.2	92.2	92.1	93.0	93.6	94.0	94.5	94.0	93.1	93.3
Electrical industrial apparatus	18.8	18.6	18.7	18.7	18.7	18.6	18.7	18.8	18.7	19.0	18.9	19.2	19.2
Household appliances	16.9	16.3	16.8	17.2	16.8	16.4	16.5	17.6	17.7	17.4	17.1	16.4	16.8
Electric lighting and wiring equipment	19.2	18.8	18.9	19.1	19.2	19.3	19.5	19.2	19.2	19.4	19.4	19.2	19.3
Communication equipment	11.1	10.7	10.7	10.6	10.8	10.9	11.1	11.2	11.3	11.4	11.4	11.4	11.4
Transportation equipment	145.3	140.4	143.5	144.2	144.6	145.3	146.3	145.3	145.6	144.1	146.9	148.0	149.5
Motor vehicles and equipment	97.9	94.4	97.5	97.7	98.0	98.4	99.0	97.8	98.1	96.3	98.5	99.0	100.1
Aircraft and parts	38.8	37.5	37.4	37.7	38.0	38.2	38.6	39.0	38.9	39.3	40.0	40.6	41.0
Instruments and related products	23.2	23.0	23.0	23.0	22.9	23.0	23.1	23.2	23.2	23.3	23.3	23.4	23.4
Measuring and controlling devices	12.3	12.3	12.4	12.4	12.3	12.4	12.3	12.5	12.4	12.4	12.2	12.3	12.2
Nondurable Goods[c]	353.3	346.5	346.1	348.7	350.4	352.7	355.9	354.1	357.2	360.6	357.2	355.8	354.5
Food and kindred products	62.8	61.8	61.0	61.3	61.6	62.0	63.2	62.4	64.8	66.4	63.7	62.6	62.5
Meat products	9.8	9.6	9.4	9.7	9.7	9.6	10.0	9.9	10.1	10.0	9.9	10.0	10.0
Dairy products	9.9	9.7	9.7	9.8	9.9	9.9	10.1	10.1	10.1	9.9	9.9	9.9	9.8
Preserved fruits and vegetables	10.7	10.3	10.1	9.8	10.1	10.2	10.2	10.0	11.8	13.8	11.3	10.3	10.5
Bakery products	8.6	8.5	8.4	8.6	8.6	8.7	8.8	8.8	8.7	8.6	8.4	8.5	8.4
Beverages	10.2	10.1	10.0	10.0	10.0	10.2	10.5	10.3	10.5	10.2	10.1	10.0	10.0

See footnotes at end of table.

RS-790-1-0 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Apparel and other textile products	17.2	16.8	16.7	17.0	17.2	17.3	17.4	17.0	17.1	17.5	17.6	17.7	17.4
Paper and allied products	36.7	36.0	36.0	36.3	36.3	36.6	36.8	36.5	36.9	37.3	37.2	37.3	37.0
Misc. converted paper products	12.1	11.9	12.0	12.2	12.0	12.1	12.2	12.2	12.2	12.4	12.1	12.2	11.9
Paperboard containers and boxes	12.1	11.8	11.7	11.8	12.0	12.1	12.0	12.0	12.0	12.2	12.4	12.3	12.4
Printing and publishing	64.7	63.8	63.7	64.1	64.2	64.6	65.0	65.2	65.0	65.3	65.4	65.2	64.8
Newspapers	18.1	17.9	17.9	18.0	18.0	18.1	18.1	18.3	18.2	18.2	18.2	18.4	18.5
Commercial printing	23.7	23.3	23.3	23.4	23.7	23.9	23.9	23.7	23.6	24.0	24.0	24.2	23.8
Chemicals and allied products	62.8	62.0	61.9	62.2	62.5	63.1	63.7	63.6	63.5	63.2	62.7	62.4	62.6
Industrial inorganic chemicals	10.8	10.7	10.7	10.7	10.8	10.8	10.8	10.9	11.0	11.0	11.0	11.0	11.0
Rubber and misc. plastics products	91.0	88.2	88.6	89.5	90.7	91.1	91.5	91.0	91.4	92.4	92.4	92.5	92.2
Tires and inner tubes	20.2	20.2	20.2	20.2	20.3	20.2	20.3	20.3	20.3	20.2	20.1	20.3	20.3
Miscellaneous plastics products	49.5	47.5	47.7	48.5	49.1	49.3	49.6	49.4	49.7	51.0	50.9	50.9	50.8
NONMANUFACTURING	3122.9	3010.9	3022.4	3037.4	3088.4	3135.5	3162.4	3128.8	3128.3	3168.9	3192.2	3196.6	3202.3
MINING	27.6	27.0	26.7	26.7	27.0	27.8	28.4	28.6	28.3	28.2	28.0	27.7	27.1
Bituminous coal and lignite mining	11.7	11.8	11.7	11.7	11.9	11.9	12.0	12.1	11.8	11.8	11.6	11.3	11.0
Oil and gas extraction	11.6	11.5	11.5	11.1	10.9	11.4	11.7	11.8	11.8	11.7	11.8	11.9	11.9
CONSTRUCTION	142.9	118.0	116.2	117.3	130.6	141.9	152.8	158.3	159.5	160.0	160.3	154.8	144.9
General building contractors	36.4	30.0	29.8	30.0	33.0	35.2	38.0	39.8	40.2	41.0	41.1	39.8	38.4
Heavy construction contractors	19.4	14.5	12.8	13.1	16.5	20.1	22.9	23.7	24.1	23.6	23.4	21.3	17.2
Highway and street construction	8.3	4.0	3.9	4.3	6.3	8.9	10.6	11.1	11.4	11.3	11.1	9.7	6.9
Special trade contractors	87.1	73.5	73.5	74.3	81.2	86.7	91.9	94.8	95.2	95.4	95.8	93.7	89.3
TRANSPORTATION AND PUBLIC UTILITIES	205.7	199.5	200.3	201.6	203.8	206.3	207.7	207.6	206.2	208.5	208.9	207.9	208.5
Railroad transportation	18.7	17.4	17.6	17.8	18.6	19.3	19.4	19.7	19.5	19.3	19.2	18.5	18.0
Transportation, except railroads	93.5	88.0	89.0	90.3	91.8	93.3	94.4	94.0	95.0	95.8	96.4	96.6	97.8
Trucking and warehousing	67.8	63.7	64.9	65.8	66.6	67.4	68.1	67.8	68.8	69.4	70.1	70.3	71.3
Communication, electric, gas services .	93.5	94.1	93.6	93.5	93.5	93.8	93.9	93.9	93.7	93.4	93.2	92.7	92.7
Communication	53.4	54.0	53.8	53.8	53.7	53.8	53.6	53.5	53.4	53.3	53.2	52.7	52.6
Electric, gas, and sanitary services.	40.1	40.1	39.8	39.7	39.8	39.9	40.3	40.4	40.4	40.1	40.1	40.0	40.1
WHOLESALE TRADE	235.9	227.7	228.8	230.5	233.2	235.1	238.5	238.8	238.8	239.0	240.0	240.1	240.8
Wholesale trade-durable goods	149.6	144.2	145.1	146.3	147.6	148.9	151.1	151.4	151.4	151.7	152.4	152.5	153.0
Motor vehicles & automotive equipment	21.9	20.9	21.1	21.4	21.5	21.7	22.1	22.1	22.2	22.3	22.3	22.3	22.4
Electrical goods	20.1	19.7	19.8	19.9	19.9	20.1	20.3	20.3	20.2	20.2	20.3	20.3	20.4
Machinery, equipment, and supplies ..	62.1	60.0	60.2	60.7	61.3	61.6	62.5	62.9	62.9	62.9	63.2	63.1	63.4
Wholesale trade-nondurable goods	86.3	83.5	83.7	84.1	85.5	86.2	87.3	87.4	87.4	87.2	87.6	87.6	87.8
Groceries and related products	26.8	26.1	26.2	26.2	26.7	26.8	27.0	27.1	27.2	27.2	27.2	27.1	27.1
RETAIL TRADE	740.9	714.1	705.5	711.2	727.9	741.1	749.9	747.4	749.5	752.5	752.2	762.6	777.1
General merchandise stores	113.7	115.7	109.7	108.8	108.8	109.4	110.6	110.8	110.7	112.4	115.1	122.9	129.8
Department stores	104.5	106.6	100.8	99.8	99.8	100.2	101.4	101.7	101.6	103.2	105.8	113.3	119.7
Food stores	120.8	118.0	117.1	117.4	119.5	120.2	120.3	120.8	121.0	122.0	122.1	124.5	126.2
Automotive dealers and service stations	81.6	77.7	78.3	79.2	80.6	81.9	83.1	83.5	83.5	82.9	82.8	82.6	82.7
Apparel and accessory stores	35.0	34.5	33.6	33.7	34.2	34.4	34.6	34.3	34.8	35.1	35.4	36.6	38.6
Eating and drinking places	253.8	237.7	237.7	242.1	251.2	259.0	263.2	260.7	262.0	262.1	258.1	255.5	256.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	211.5	207.0	207.7	208.1	209.1	210.4	213.5	214.0	214.3	213.7	213.1	213.1	213.9
Banking	58.0	58.3	58.1	57.8	57.5	57.5	58.1	58.2	58.1	57.9	57.9	58.0	58.3
Credit agencies other than banks	33.0	32.1	32.3	32.5	32.7	32.8	33.3	33.3	33.3	33.3	33.3	33.4	33.7
Insurance carriers	57.7	57.1	57.3	57.4	57.4	57.6	58.0	58.1	58.3	58.1	57.9	57.9	57.9
Life insurance	22.0	21.8	21.8	21.7	21.9	22.0	22.1	22.1	22.3	22.2	22.2	22.1	22.1
Fire, marine, and casualty insurance	27.4	27.2	27.3	27.4	27.3	27.3	27.5	27.6	27.5	27.4	27.3	27.3	27.3
SERVICES	903.8	866.9	872.1	876.7	892.6	906.6	918.6	918.2	917.7	921.7	920.7	917.3	917.0
Hotels and other lodging places	31.0	28.9	29.1	29.4	29.8	31.0	32.6	32.5	32.9	32.0	31.4	31.1	31.0
Personal services	48.7	48.4	48.5	48.7	49.4	47.9	48.4	47.9	48.2	48.8	49.3	49.2	49.5
Laundry, cleaning, & garment services	16.8	16.4	16.3	16.4	16.6	16.9	17.1	16.9	16.9	17.0	17.1	17.1	17.1
Business services	149.8	138.5	139.7	141.5	149.8	148.1	151.5	153.4	154.4	155.3	156.9	156.3	156.9
Services to buildings	23.5	22.1	22.1	22.5	22.8	23.0	23.7	24.2	24.4	24.2	24.3	24.6	24.7
Computer and data processing services	13.0	12.2	12.4	12.5	12.6	12.7	12.9	13.2	13.3	13.4	13.5	13.6	13.6
Amusement and recreation services	37.4	26.8	26.8	28.6	33.7	42.8	48.6	50.2	50.1	45.1	34.6	31.2	30.8
Health services	321.9	318.9	319.1	319.4	319.5	320.5	323.6	324.1	323.9	323.2	323.2	323.5	324.3
Nursing and personal care facilities	66.5	64.6	64.9	65.2	65.7	66.5	67.5	67.4	67.4	67.2	67.1	67.2	67.4
Hospitals	169.8	170.9	170.7	170.0	169.1	168.6	169.5	170.3	170.1	169.6	169.4	169.5	169.4
Educational services	59.1	58.2	62.2	61.1	61.5	60.2	55.1	48.4	47.4	57.5	65.9	66.8	65.1
Colleges and universities	32.4	32.1	35.8	35.0	35.3	33.9	29.5	24.4	23.8	31.4	36.0	36.4	34.9
GOVERNMENT	654.5	651.3	665.1	665.3	664.2	666.3	653.1	616.0	612.0	645.3	669.2	673.2	673.0
Federal government	89.4	88.5	88.6	88.9	88.4	88.5	89.3	90.6	90.5	90.2	89.6	89.3	89.3
State government	140.6	137.1	146.1	147.2	145.8	145.3	139.1	123.5	123.8	134.7	147.5	148.4	149.0
State government education[d]	71.4	68.3	77.2	78.6	77.0	77.0	68.5	52.9	53.3	65.4	78.9	79.8	79.7
State government, except education	69.3	68.8	68.9	68.6	68.8	68.3	70.5	70.6	70.6	69.3	68.6	68.6	69.3
Local government	424.5	426.3	430.4	429.2	430.0	432.4	424.1	401.9	397.6	420.4	432.1	435.0	434.1
Local government education	241.4	246.4	250.9	250.6	250.1	250.7	246.4	210.1	207.9	237.6	249.9	253.7	251.1
Local government, except education	183.0	179.9	179.5	178.7	179.9	181.7	187.7	191.8	189.7	182.9	182.2	181.3	181.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-85 RS-790-1-0 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4098.5	3963.2	3961.6	3994.6	4039.6	4084.2	4110.4	4101.8	4096.1	4177.3	4184.7	4137.3	4139.1
MANUFACTURING	1066.0	1028.9	1030.4	1038.8	1047.0	1054.0	1063.0	1065.8	1076.6	1093.2	1095.9	1100.3	1098.6
Durable Goods[b]	721.6	684.9	685.5	702.8	710.0	715.8	721.2	722.5	730.4	741.5	746.9	752.2	749.9
Lumber and wood products	13.4	12.1	12.2	12.7	13.2	13.7	14.1	14.6	14.9	15.1	15.2	15.0	14.7
Furniture and fixtures	13.7	12.5	12.6	12.9	13.2	13.4	13.7	13.9	14.3	14.6	14.4	14.6	14.7
Stone, clay, and glass products	52.1	50.0	49.7	50.2	51.6	52.1	53.1	52.6	53.8	53.9	53.3	53.3	52.0
Glass and glassware, pressed or blown	13.5	13.7	13.8	13.8	13.8	13.6	13.7	13.2	13.6	13.7	13.5	13.3	12.7
Primary metal industries	104.1	98.2	99.5	102.7	103.1	103.4	103.5	103.3	105.1	106.5	107.0	108.4	108.2
Blast furnace and basic steel products	51.7	48.1	48.8	52.1	51.9	52.0	51.6	51.7	52.7	52.0	52.2	53.5	53.2
Iron and steel foundries	20.4	20.0	19.9	19.7	20.0	19.9	19.9	19.7	20.3	21.1	21.0	21.2	21.3
Nonferrous rolling and drawing	18.1	17.0	17.5	17.5	17.7	17.8	18.2	18.2	18.1	18.7	18.9	18.7	18.7
Fabricated metal products	124.7	124.6	126.2	126.4	127.4	128.0	129.1	128.9	130.5	132.9	133.6	134.7	134.6
Cutlery, handtools, and hardware	11.0	10.3	10.6	10.8	10.8	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2
Fabricated structural metal products	28.6	28.3	27.8	28.2	28.5	28.2	28.4	28.9	29.4	29.4	28.6	28.6	28.5
Metal forgings and stampings	34.2	35.5	37.1	37.3	37.7	38.4	38.9	38.2	38.7	40.3	41.9	42.8	43.2
Machinery, except electrical	154.3	154.0	151.4	151.1	151.7	152.6	152.3	153.6	154.2	156.8	156.8	157.3	153.3
Construction and related machinery	16.8	17.0	16.5	16.3	16.4	16.9	17.2	17.3	17.4	17.5	17.0	16.5	16.2
Metalworking machinery	38.8	40.2	39.8	38.6	38.5	38.1	38.3	38.7	38.5	38.6	38.6	39.0	39.5
Special industry machinery	16.5	16.3	16.0	15.8	15.9	16.0	16.1	16.6	16.7	17.0	17.0	17.3	17.5
General industrial machinery	29.5	29.1	28.8	28.5	28.5	29.0	29.5	29.7	29.7	30.0	30.1	30.3	30.7
Office and computing machines	12.4	12.3	12.2	12.2	12.2	12.2	12.4	12.1	12.7	12.6	12.5	12.7	12.8
Refrigeration and service machinery	15.7	15.0	15.0	15.3	15.7	15.9	14.9	15.4	15.5	16.1	16.3	16.5	16.8
Electric and electronic equipment	89.4	88.0	88.3	88.0	89.2	89.1	89.3	89.3	89.6	90.2	90.5	90.5	89.9
Electrical industrial apparatus	18.6	18.8	18.8	18.9	18.6	18.6	18.6	18.4	18.4	18.6	18.5	18.4	18.4
Household appliances	16.1	15.0	15.5	15.0	15.6	15.7	15.9	16.6	16.8	16.9	17.0	16.7	16.4
Electric lighting and wiring equipment	18.1	17.8	17.8	17.9	17.9	18.0	18.1	18.0	18.2	18.5	18.4	18.6	18.7
Communication equipment	10.3	10.2	10.1	10.1	10.1	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7
Transportation equipment	132.1	122.7	123.6	126.3	127.8	130.2	132.2	131.9	133.1	135.8	140.0	141.7	140.1
Motor vehicles and equipment	87.4	79.2	80.2	82.5	83.5	85.7	87.2	87.0	88.1	90.2	94.7	96.4	94.3
Aircraft and parts	36.5	35.7	35.6	35.6	35.9	36.1	36.7	36.8	36.8	37.2	36.9	36.9	37.3
Instruments and related products	21.2	19.8	19.8	19.7	20.0	20.3	20.8	21.2	21.7	22.2	22.6	22.8	23.0
Measuring and controlling devices	11.9	11.7	11.6	11.6	11.7	11.8	11.8	11.9	12.0	12.1	12.3	12.3	12.4
Nondurable Goods[c]	342.4	334.0	334.8	336.0	337.1	338.2	341.3	343.3	346.2	351.7	349.0	348.1	348.8
Food and kindred products	63.4	62.5	62.2	62.5	62.2	62.2	63.7	63.3	64.4	67.3	64.3	62.9	63.0
Meat products	9.6	9.4	9.4	9.5	9.7	9.6	9.8	9.8	9.5	9.6	9.6	9.8	9.9
Dairy products	10.1	10.1	10.0	10.0	10.1	10.1	10.2	10.2	10.3	10.1	10.1	9.7	9.7
Preserved fruits and vegetables	10.3	9.3	9.2	9.3	9.1	9.4	9.9	10.2	11.3	13.9	11.3	10.4	10.4
Bakery products	9.5	9.6	9.6	9.6	9.8	9.8	9.9	9.5	9.4	9.5	9.1	8.9	8.8
Beverages	10.4	10.4	10.3	10.4	10.3	10.1	10.6	10.5	10.7	10.6	10.3	10.3	10.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
Apparel and other textile products	16.3	15.6	15.6	15.8	15.9	16.1	16.4	16.4	16.5	16.9	16.9	16.8	16.7
Paper and allied products	35.0	34.6	34.5	34.5	34.4	34.4	34.8	35.1	35.2	35.8	35.5	35.6	35.7
Misc. converted paper products	11.4	11.1	11.1	11.2	11.3	11.2	11.3	11.5	11.7	11.7	11.5	11.6	11.6
Paperboard containers and boxes	11.5	11.3	11.3	11.2	11.2	11.3	11.6	11.5	11.5	11.7	11.8	11.7	11.7
Printing and publishing	62.8	61.7	62.1	62.5	62.4	62.4	62.6	62.4	62.8	63.2	63.5	64.0	64.3
Newspapers	17.9	17.9	17.9	17.9	17.8	17.9	17.8	17.8	17.9	18.0	18.0	18.1	18.1
Commercial printing	22.8	22.5	22.7	22.8	22.8	22.8	22.8	22.4	22.5	22.8	23.1	23.3	23.5
Chemicals and allied products	63.4	64.0	63.8	63.7	63.7	63.7	63.7	63.4	63.5	63.1	62.8	62.6	62.7
Industrial inorganic chemicals	11.3	12.0	12.0	11.7	11.7	11.5	11.3	11.1	11.2	11.0	11.0	10.9	10.8
Rubber and misc. plastics products	82.7	77.1	78.2	78.7	79.9	80.7	81.7	83.4	84.5	86.2	86.9	87.4	87.7
Tires and inner tubes	20.2	20.3	20.2	20.2	20.2	20.2	20.1	20.3	20.3	20.2	20.4	20.3	20.2
Miscellaneous plastics products	43.2	38.8	39.5	39.7	41.0	41.8	42.6	43.8	44.5	46.0	46.6	46.9	47.3
NONMANUFACTURING	3026.5	2934.4	2931.3	2955.8	2992.6	3030.2	3047.4	3036.0	3019.5	3084.1	3088.8	3097.6	3100.4
MINING	26.6	26.6	25.4	25.0	25.1	25.5	26.9	27.2	27.2	27.3	27.5	27.6	27.3
Bituminous coal and lignite mining	11.1	11.1	10.7	10.2	10.3	10.4	11.5	11.5	11.4	11.5	11.6	11.7	11.6
Oil and gas extraction	11.2	12.0	11.3	11.0	10.7	10.7	10.9	11.1	11.2	11.2	11.4	11.5	11.6
CONSTRUCTION	130.8	107.3	103.6	109.3	116.0	126.4	135.6	144.1	147.5	148.6	149.3	145.6	135.9
General building contractors	32.0	26.5	25.6	27.0	28.7	30.8	32.9	35.2	35.8	36.0	35.8	35.2	34.0
Heavy construction contractors	19.5	14.0	13.2	14.4	16.1	19.2	21.6	22.5	23.5	23.6	24.1	22.7	18.7
Highway and street construction	7.5	3.8	3.5	4.1	5.6	7.9	9.3	9.8	10.2	10.2	10.2	9.3	6.6
Special trade contractors	79.3	66.8	64.8	67.9	71.2	76.3	81.2	86.4	88.2	89.0	89.4	87.6	83.2
TRANSPORTATION AND PUBLIC UTILITIES	198.5	194.3	193.5	194.7	196.9	199.2	201.6	202.2	186.1	203.2	203.6	203.0	203.4
Railroad transportation	18.9	18.6	18.0	18.2	18.7	19.3	19.4	19.7	19.2	19.3	19.3	19.0	18.6
Transportation, except railroads	86.4	80.6	81.0	82.1	83.8	85.5	87.2	87.3	88.3	89.7	89.9	89.5	90.8
Trucking and warehousing	62.7	58.5	59.0	59.8	60.6	61.6	63.0	63.5	64.0	64.9	65.0	65.4	66.6
Communication, electric, gas services ..	93.2	95.1	94.6	94.4	94.4	94.5	95.0	94.7	78.6	94.2	94.5	94.4	93.9
Communication	52.8	54.4	54.2	54.1	54.1	54.1	54.3	53.9	37.3[e]	53.9	54.4	54.4	53.8
Electric, gas, and sanitary services .	40.4	40.7	40.1	40.2	40.2	40.4	40.7	40.8	40.7	40.3	40.1	40.0	40.1
WHOLESALE TRADE	222.5	216.5	215.6	216.7	218.6	220.1	222.4	224.6	225.7	226.1	227.0	227.8	229.1
Wholesale trade-durable goods	139.7	135.8	135.2	135.8	137.0	137.6	139.1	140.9	141.6	142.2	142.9	143.9	144.7
Motor vehicles & automotive equipment.	20.6	20.1	19.9	19.9	20.1	20.2	20.5	20.9	20.9	20.9	21.1	21.1	21.1
Electrical goods	18.9	18.5	18.	18.5	18.4	18.5	18.7	18.8	19.0	19.1	19.3	19.6	19.8
Machinery, equipment, and supplies ...	58.3	57.2	57.0	57.1	57.5	57.7	58.0	58.7	58.9	59.1	59.2	59.5	60.0
Wholesale trade-nondurable goods	82.8	80.7	80.4	80.9	81.6	82.5	83.3	83.8	84.0	83.9	84.1	84.0	84.4
Groceries and related products	25.8	25.2	25.1	25.2	25.4	25.7	26.1	26.1	26.1	26.2	26.2	26.3	26.3
RETAIL TRADE	711.0	682.5	670.1	677.1	694.6	706.2	713.5	719.2	723.9	728.5	726.9	737.6	751.8
General merchandise stores	111.6	113.4	106.2	106.1	107.2	107.7	108.1	107.9	108.3	110.8	113.3	121.4	128.6
Department stores	102.7	104.6	97.6	97.5	98.4	98.8	99.2	99.1	99.6	102.0	104.4	112.3	119.0
Food stores	117.2	114.6	113.6	113.4	115.1	116.5	117.0	118.1	118.0	119.2	118.8	120.4	122.1
Automobile dealers & service stations ..	76.2	73.4	72.8	73.7	74.7	75.2	76.2	77.6	78.5	78.5	78.0	77.7	77.6
Apparel and accessory stores	33.9	33.6	32.5	32.6	32.9	33.2	33.3	33.2	33.9	34.0	34.6	35.6	37.5
Eating and drinking places	242.7	224.0	222.9	227.9	238.5	245.3	249.8	252.4	254.5	254.4	248.5	246.7	247.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)
(in thousands)

3.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	207.9	205.4	205.3	206.0	206.9	207.9	210.0	210.7	210.6	209.0	207.3	206.8	207.5
Banking	58.5	58.8	58.7	58.4	58.3	58.4	58.8	58.9	58.8	58.4	58.1	58.1	58.1
Credit agencies other than banks	31.3	30.1	30.4	30.6	30.9	31.1	31.6	31.7	31.8	31.8	31.7	31.9	32.2
Insurance carriers	58.1	58.0	58.3	58.9	58.7	58.6	58.6	58.2	57.9	57.4	57.2	56.9	56.9
Life insurance	23.0	23.7	23.5	23.6	23.5	23.4	23.3	22.9	22.8	22.6	22.4	22.3	22.1
Fire, marine, and casualty insurance .	27.2	27.7	27.7	27.6	27.4	27.4	27.5	27.3	27.0	26.8	26.7	26.5	26.6
SERVICES	871.3	843.5	849.2	856.0	867.2	874.5	884.1	885.8	884.2	893.3	883.8	881.3	877.2
Hotels and other lodging places	29.4	27.0	27.0	27.4	28.0	29.4	30.7	31.5	31.8	30.9	30.0	29.6	29.5
Personal services	46.7	47.0	46.9	47.2	47.4	45.8	46.0	46.0	45.9	46.9	46.3	47.0	47.2
Laundry, cleaning, & garment services.	16.5	16.0	16.0	16.1	16.4	16.6	16.7	16.6	16.5	16.7	16.7	16.7	16.6
Business services	130.5	120.6	121.4	123.4	125.4	127.4	129.9	133.7	135.3	137.2	136.8	136.7	137.8
Services to buildings	21.8	20.8	20.8	21.0	21.8	22.0	22.1	22.1	22.3	22.4	22.2	22.2	22.4
Computer and data processing services.	11.4	10.8	10.8	10.9	11.0	11.1	11.3	11.5	11.6	11.7	11.8	11.9	11.9
Amusement and recreation services	37.4	27.0	27.0	28.3	35.2	41.8	47.7	49.5	49.3	46.3	34.4	30.3	30.8
Health services	314.0	315.4	314.8	315.7	316.2	316.8	319.3	322.4	322.7	322.3	320.8	320.7	320.7
Nursing and personal care facilities .	63.6	62.1	62.1	62.1	62.5	62.8	63.5	64.3	64.7	64.5	64.5	64.8	65.1
Hospitals	174.2	174.3	173.8	173.9	174.0	173.9	174.8	175.8	175.6	174.9	173.7	172.9	172.1
Educational services	57.7	59.2	63.8	63.5	62.0	55.1	53.5	45.4	43.4	55.5	61.8	64.5	60.7
Colleges and universities	31.4	32.0	35.9	35.4	34.4	31.4	26.8	22.8	21.4	30.4	35.2	37.0	33.9
GOVERNMENT	656.1	658.2	668.5	671.0	667.3	670.5	653.3	622.2	614.4	648.1	663.4	667.8	668.2
Federal government	88.6	88.1	87.7	88.0	88.0	88.1	88.7	89.9	89.3	88.8	88.3	88.9	89.1
State government	140.1	141.0	146.1	146.8	146.7	145.2	135.3	124.3	122.5	139.5	145.1	146.0	147.0
State government education[b]	69.8	70.1	75.3	76.2	76.3	75.0	63.8	52.5	51.0	65.7	76.3	77.4	77.8
State government, except education ...	70.4	70.9	70.7	70.6	70.4	70.2	71.5	71.9	71.4	69.9	68.8	68.6	69.3
Local government	427.3	429.1	434.7	436.1	432.6	437.1	429.3	408.0	402.7	423.8	430.0	432.8	432.0
Local government education	244.1	244.8	256.1	256.7	252.9	254.6	239.0	210.4	207.4	238.7	248.8	252.2	251.1
Local government, except education ...	184.2	184.3	178.6	179.5	179.7	182.5	190.3	197.7	195.3	185.1	181.2	180.6	180.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classification are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-30-85 RS-790-1-0 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1970-1982[a]
(in thousands)

1.

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	3880.7	3839.6	3938.4	4112.9	4169.4	4016.2	4094.6	4230.1	4394.9	4464.8	4367.4	4317.7	4124.3
MANUFACTURING	1409.9	1333.8	1346.8	1426.3	1416.6	1267.5	1295.3	1344.1	1377.2	1382.3	1264.3	1232.6	1099.9
Durable Goods[b]	1002.5	938.1	946.8	1018.2	1013.1	892.4	910.6	945.2	974.5	980.5	882.6	860.4	752.4
Lumber and wood products	13.0	13.2	14.3	15.1	14.4	12.2	13.6	14.7	15.8	15.7	13.9	13.5	12.3
Furniture and fixtures	17.6	17.0	17.9	19.0	18.8	16.1	16.3	17.1	17.8	17.7	15.6	14.9	13.5
Stone, clay, and glass products	69.9	66.7	70.3	73.3	72.2	65.0	66.3	67.1	69.3	69.7	64.5	61.0	54.2
Glass and glassware, pressed or blown	17.2	16.8	18.1	19.0	18.6	17.6	18.2	17.5	17.4	15.9	15.3	15.0	14.1
Primary metal industries	168.2	158.5	158.9	173.3	172.4	151.5	154.6	157.7	157.5	158.9	139.8	138.3	112.7
Blast furnace and basic steel products	97.9	90.4	89.1	98.3	96.8	85.0	86.5	86.6	83.7	84.0	73.1	72.6	58.0
Iron and steel foundries	32.9	31.3	31.1	34.8	35.7	32.9	31.6	32.8	34.3	33.9	28.7	28.5	23.3
Nonferrous rolling and drawing	18.8	20.1	20.4	22.5	20.4	17.9	20.2	20.6	20.5	20.7	19.4	19.8	17.1
Fabricated metal products	170.2	160.0	162.7	175.2	173.7	150.9	157.9	166.5	173.3	175.5	157.6	154.9	134.9
Cutlery, hand tools, and hardware	14.5	14.1	14.4	15.8	15.3	13.8	15.0	15.9	16.4	16.1	13.5	13.1	11.0
Fabricated structural metal products	38.9	36.8	36.6	39.5	41.0	36.5	35.5	37.5	39.3	39.1	37.7	36.0	31.6
Metal forgings and stampings	45.7	45.0	48.2	53.2	50.3	43.3	48.1	50.[illegible]	52.3	52.3	44.1	44.9	37.9
Machinery, except electrical	226.4	206.0	205.1	219.9	227.7	207.7	205.9	210.7	216.7	223.6	211.4	204.2	176.7
Construction and related machinery	24.2	24.4	26.8	28.5	30.5	24.6	24.0	24.6	24.9	24.4	26.8	25.7	21.3
Metalworking machinery	58.3	48.5	50.6	56.7	60.4	55.0	53.4	54.5	55.4	58.0	57.7	55.1	46.8
Special industry machinery	24.4	21.8	21.1	24.0	24.5	22.5	22.3	23.6	23.6	24.2	23.2	21.3	18.2
General industrial machinery	37.0	34.9	35.1	38.1	39.9	37.4	37.6	39.4	41.2	42.7	40.3	39.6	34.2
Electric and electronic equipment	144.1	127.4	126.9	134.1	131.4	112.3	115.5	120.9	122.2	117.6	106.4	101.9	93.4
Electrical industrial apparatus	34.5	27.6	25.4	27.2	28.1	25.0	25.2	26.0	27.0	27.1	24.9	24.1	21.4
Household appliances	35.0	31.1	32.2	33.0	30.6	23.1	24.5	27.5	27.1	22.3	18.2	17.7	15.3
Electric lighting and wiring equipment	22.6	22.4	23.1	26.0	24.6	20.9	21.2	22.1	22.7	22.9	20.7	19.7	18.2
Communication equipment	22.0	19.6	17.5	17.2	16.6	15.3	14.5	14.5	13.6	13.2	12.7	11.4	10.6
Transportation equipment	152.9	155.2	155.0	167.2	162.5	140.8	143.0	151.8	164.1	165.8	139.1	136.9	121.7
Motor vehicles and equipment	105.0	113.8	115.2	125.0	121.3	104.0	107.1	114.4	123.2	120.1	90.5	91.1	78.0
Aircraft and parts	38.3	31.8	29.2	30.8	31.4	28.6	26.8	27.7	30.4	34.8	38.0	36.5	35.4
Instruments and related products	20.2	19.1	20.2	22.3	22.3	19.8	21.4	22.1	21.5	20.7	20.4	21.5	20.1
Measuring and controlling devices	13.5	12.8	13.2	14.7	14.5	12.4	13.9	14.6	13.8	13.2	12.8	13.3	12.0
Nondurable Goods[c]	407.4	397.7	398.0	408.1	403.5	375.1	384.6	398.9	402.7	401.8	381.8	372.2	347.5
Food and kindred products	81.8	80.4	78.2	76.4	76.0	73.5	73.8	74.4	74.6	74.4	72.7	69.2	66.4
Meat products	12.7	12.9	12.6	11.6	12.0	11.7	11.7	11.9	12.1	12.4	12.4	11.7	11.0
Dairy products	14.8	14.8	14.7	14.3	13.8	13.4	13.2	12.6	12.4	12.2	11.9	11.6	10.9
Bakery products	17.9	18.9	15.8	15.3	14.6	13.8	13.8	13.6	13.4	13.1	12.5	11.0	10.3
Beverages	11.9	11.3	10.7	10.8	10.7	10.6	10.5	10.6	10.8	11.2	10.9	10.9	10.7
Apparel and other textile products	21.1	20.5	21.2	21.9	21.1	18.5	19.0	18.8	19.2	18.6	17.1	17.3	16.4

See footnotes at end of table.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1970-1982[a] (Continued)
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Paper and allied products	42.1	40.5	40.0	41.3	41.6	36.3	38.6	39.3	39.3	39.5	38.6	38.2	35.6
Misc. converted paper products	11.0	10.8	10.9	11.3	11.9	10.6	11.2	11.9	11.6	11.8	12.0	11.9	11.5
Paperboard containers and boxes	15.4	15.0	15.0	15.5	15.0	12.8	13.9	14.2	14.3	14.2	13.3	12.9	11.6
Printing and publishing	71.2	68.2	66.8	67.7	67.5	64.8	64.5	65.4	66.6	67.6	67.4	66.1	63.2
Newspapers	20.7	21.0	21.0	21.2	20.9	20.8	20.5	20.5	20.5	20.3	20.0	19.5	18.7
Commercial printing	26.9	25.2	24.8	25.0	25.1	23.9	24.1	24.3	25.0	26.0	25.9	25.2	23.2
Chemicals and allied products	63.5	62.1	62.4	63.0	63.5	62.2	64.4	66.9	68.7	68.4	68.3	67.7	65.5
Industrial inorganic chemicals	12.6	12.3	11.9	12.3	12.2	12.7	12.8	12.9	12.8	12.0	12.9	12.8	12.3
Rubber and misc. plastics products	100.8	99.3	102.2	109.8	107.0	94.8	98.2	107.4	107.4	106.7	92.7	89.0	80.4
Tires and inner tubes	40.4	39.2	38.7	38.7	38.5	34.8	30.3	33.3	31.4	30.9	27.8	24.4	22.0
Miscellaneous plastics products	38.4	37.5	40.5	45.3	44.6	39.2	45.9	50.9	52.2	51.7	44.6	44.2	39.7
MANUFACTURING	2470.7	2505.7	2591.5	2686.6	2752.8	2748.7	2799.3	2886.0	3017.7	3102.5	3103.0	3085.1	3024.4
MINING	20.6	20.8	22.7	22.3	24.2	26.8	28.2	29.1	29.0	31.6	30.7	30.7	30.3
Bituminous coal and lignite mining	9.3	9.8	11.4	11.2	12.4	15.6	16.7	16.7	15.3	17.1	15.3	13.1	13.3
CONSTRUCTION	164.2	165.2	165.1	175.5	172.3	154.9	154.2	162.8	176.6	182.9	167.4	153.7	134.6
General building contractors	43.6	39.0	43.2	45.2	45.2	41.3	40.3	42.0	46.5	48.2	41.8	37.0	31.2
Heavy construction contractors	24.8	24.2	22.8	25.1	24.5	22.2	22.2	23.7	26.9	29.1	26.2	24.9	23.7
TRANSPORTATION AND PUBLIC UTILITIES	225.0	221.8	222.3	224.9	227.8	213.2	213.7	219.1	225.0	232.1	223.1	217.2	206.8
Railroad transportation	41.4	39.0	38.5	36.1	35.9	33.3	33.0	33.3	30.9	31.8	29.1	26.3	22.9
Transportation, except railroads	93.3	91.9	95.8	99.7	100.0	90.4	93.1	98.4	103.8	107.2	98.9	94.6	87.3
Trucking and warehousing	68.9	70.6	73.3	78.1	79.0	69.9	72.1	77.4	81.8	84.0	75.4	71.1	63.8
Communication, electric, gas services	90.3	90.8	90.6	89.1	91.9	89.6	87.6	87.4	90.3	93.0	95.0	96.2	96.6
Communication	52.9	53.1	52.8	52.3	53.2	51.8	50.2	51.2	52.4	53.9	54.6	55.2	55.1
Electric, gas, and sanitary services	37.4	37.7	37.7	36.8	38.7	37.8	37.4	36.3	37.9	39.1	40.4	41.0	41.5
WHOLESALE TRADE	189.0	185.5	189.6	197.7	205.7	203.5	206.4	214.6	226.0	232.8	230.6	232.5	226.0
Wholesale trade-durable goods	119.8	120.0	122.1	126.0	134.1	131.4	135.0	139.2	146.6	151.7	149.2	149.8	143.3
Motor vehicles & automotive equipment	18.7	18.6	18.7	19.5	20.4	19.8	20.0	21.2	22.4	23.3	21.7	21.2	20.6
Electrical goods	15.5	15.7	15.4	16.4	17.3	16.6	17.3	17.5	17.7	18.1	19.1	19.4	19.0
Machinery, equipment, and supplies	42.6	42.7	43.9	46.8	50.4	51.1	53.0	55.5	59.3	61.8	62.2	62.6	60.5
Wholesale trade-nondurable goods	69.2	65.5	67.5	69.7	71.6	72.0	73.4	75.5	79.4	81.1	81.4	82.6	82.7
Groceries and related products	19.2	19.2	19.6	20.1	20.7	20.9	21.5	21.6	22.6	23.5	23.8	24.6	25.3
RETAIL TRADE	589.2	597.3	626.7	654.9	668.1	664.5	682.4	703.2	730.4	742.4	726.6	717.7	703.4
General merchandise stores	124.5	123.7	127.1	129.1	128.8	121.9	123.1	125.5	131.1	129.1	124.0	119.8	115.0
Department stores	111.2	110.7	113.7	115.7	115.5	109.7	111.0	113.5	119.1	117.5	113.1	109.4	105.5
Food stores	98.0	97.3	101.6	104.8	109.3	109.2	110.2	111.5	113.5	117.0	117.6	117.4	116.0
Automobile dealers & service stations	88.7	91.5	96.8	98.6	94.2	91.3	92.4	94.1	93.5	88.8	78.1	76.2	76.0
Apparel and accessory stores	34.6	35.2	34.5	34.8	35.2	33.8	35.2	35.6	36.7	37.0	35.7	35.1	33.5

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1970-1982[a] (Continued)
(in thousands)

3.

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
FINANCE, INSURANCE, AND REAL ESTATE	154.2	158.6	163.8	169.0	171.9	173.1	177.0	183.4	191.1	200.6	203.8	205.8	206.4
Banking	42.8	43.7	44.5	46.5	46.9	49.9	50.7	52.2	54.3	57.2	58.7	59.3	59.2
Credit agencies other than banks	22.3	22.6	23.7	24.5	24.8	24.7	25.4	26.4	28.2	30.0	30.5	30.4	29.9
Insurance carriers	46.8	47.2	47.6	48.2	49.3	50.5	51.2	52.8	55.5	57.9	58.3	59.1	59.2
SERVICES	508.1	567.4	611.7	648.9	664.7	686.3	703.2	731.4	772.1	808.2	830.9	851.6	857.3
Hotels and other lodging places	28.9	29.3	29.4	28.4	30.0	30.6	29.7	29.1	30.3	31.3	30.6	31.2	29.3
Personal services	50.1	50.7	50.0	48.7	47.3	46.1	45.1	45.0	45.8	46.7	46.7	47.3	41.2
Laundry, cleaning, & garment services	23.3	23.4	23.8	22.4	21.2	19.6	18.7	18.2	18.3	18.2	17.7	17.6	16.7
Business services	71.0	74.8	80.9	87.8	91.1	89.0	91.7	101.0	111.4	119.1	121.8	123.6	121.3
Health services	162.7	179.5	184.9	194.5	209.7	218.9	231.0	241.6	251.1	264.9	281.1	297.6	312.1
Hospitals								140.8	144.4	150.2	157.9	165.5	173.0
GOVERNMENT	565.5	577.2	589.1	597.8	615.1	626.4	632.2	642.3	647.5	674.0	689.9	676.0	659.6
Federal government	101.1	98.0	95.5	91.8	93.4	94.1	91.9	91.1	91.2	90.6	93.3	89.8	89.0
State government	108.1	108.5	110.2	112.4	114.7	115.5	116.1	124.2	135.5	138.1	141.8	140.7	139.7
State government education[d]	49.4	50.5	51.6	50.9	51.5	52.4	53.6	58.9	66.0	67.0	69.3	68.7	68.6
State government, except education ..	58.7	58.1	58.6	61.5	63.3	63.1	62.5	65.1	70.5	71.1	72.5	72.0	71.1
Local government	356.2	370.5	383.4	393.6	407.0	416.9	424.2	427.1	420.8	445.3	454.8	445.5	430.7
Local government education	214.2	205.8	231.7	239.7	237.2	242.4	243.1	242.3	245.7	252.8	258.5	255.3	247.0
Local government, except education ..	145.0	148.8	151.8	157.9	169.8	174.5	181.1	184.8	195.1	192.5	196.2	190.3	183.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes miscellaneous manufacturing. [c]Includes tobacco manufactures, textile mill products; petroleum and coal products; leather and leather products. [d]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e]Depressed due to labor-management disputes.

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AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.[illegible]	$10.84	$10.89	$10.92	$10.95	$10.92	$10.92	$10.80	$10.92	$10.98	$10.99	$11.12	$11.26
Durable Goods[b]	11.36	11.22	11.21	11.32	11.33	11.30	11.31	11.27	11.24	11.38	11.38	11.55	11.69
Lumber and wood products	7.34	7.41	7.33	7.34	7.43	7.42	7.45	7.36	7.35	7.39	7.36	7.42	7.42
Furniture and fixtures	8.00	7.92	7.92	7.94	7.87	7.90	7.88	7.88	8.15	8.08	8.10	8.01	8.13
Stone, clay, and glass products	10.10	10.01	9.99	10.02	10.04	10.09	10.11	10.08	10.08	10.09	10.13	10.25	10.32
Glass and glassware, pressed or blown	10.41	10.67	10.65	10.66	10.73	10.85	10.86	10.88	10.49	11.05	11.17	11.18	11.21
Primary metal industries	12.73	12.45	12.64	12.68	12.66	12.74	12.71	12.71	12.73	12.79	12.78	12.95	12.98
Blast furnace and basic steel products	13.07	12.81	13.14	13.09	13.14	13.19	13.10	13.13	13.05	13.03	13.05	13.03	13.09
Iron and steel foundries	12.67	12.34	12.37	12.42	12.34	12.58	12.52	12.30	12.61	12.83	12.84	13.40	13.43
Nonferrous rolling and drawing	13.78	13.32	13.40	13.62	13.54	13.57	13.77	14.04	14.03	13.94	13.86	14.10	14.11
Fabricated metal products	11.21	11.27	11.24	11.29	11.33	11.24	11.20	11.09	11.04	11.05	11.05	11.18	11.53
Cutlery, hand tools, and hardware	11.65	12.07	11.87	11.84	11.65	11.59	11.59	11.63	11.56	11.51	11.37	11.44	11.67
Fabricated structural metal products	10.02	10.01	9.[illegible]	9.95	9.90	10.03	10.00	9.93	9.89	10.15	10.09	10.21	10.13
Metal forgings and stampings	13.27	13.22	13.18	13.32	13.40	13.31	13.33	13.17	13.11	12.93	13.06	13.21	13.91
Machinery, except electrical	10.90	10.89	10.86	10.89	10.88	10.84	10.82	10.81	10.84	10.93	10.89	11.02	11.10
Construction and related machinery	10.37	10.64	10.57	10.51	10.49	10.47	10.24	10.18	10.13	10.23	10.26	10.25	10.40
Metalworking machinery	10.41	10.37	10.36	10.36	10.37	10.35	10.37	10.40	10.33	10.46	10.42	10.52	10.55
Special industry machinery	10.44	10.29	10.34	10.34	10.38	10.38	10.40	10.39	10.35	10.41	10.40	10.67	10.78
General industrial machinery	11.06	10.98	10.91	11.00	11.04	11.01	11.01	10.81	11.10	11.11	11.13	11.26	11.37
Office and computing machines	8.69	8.33	8.59	8.42	8.49	8.55	8.68	8.61	8.69	8.89	8.75	8.74	8.82
Refrigeration and service machinery	12.27	12.11	12.06	12.19	12.21	12.07	11.99	12.48	12.32	12.50	12.21	12.66	12.76
Electric and electronic equipment	10.21	10.01	10.08	10.05	10.17	10.21	10.14	10.13	10.23	10.31	10.33	10.38	10.44
Electrical industrial apparatus	9.87	9.93	9.61	9.75	9.81	9.87	9.81	9.92	9.93	10.01	10.07	10.06	10.06
Household appliances	10.57	10.37	10.68	10.47	10.57	10.64	10.49	10.47	10.55	10.57	10.57	10.64	10.63
Electric lighting and wiring equipment	10.05	9.80	9.75	9.88	9.88	9.92	10.04	9.91	10.13	10.18	10.31	10.45	10.39
Communication equipment	11.17	10.54	10.59	10.58	10.85	11.15	11.11	10.76	11.50	11.55	11.55	11.48	11.98
Transportation equipment	13.47	13.06	12.91	13.31	13.38	13.24	13.38	13.42	13.48	13.66	13.66	13.95	14.16
Motor vehicles and equipment	13.89	13.43	13.27	13.76	13.76	13.70	13.84	13.80	13.90	14.08	14.08	14.32	14.60
Aircraft and parts	12.61	12.38	12.01	12.19	12.11	12.08	12.24	12.52	12.51	12.71	12.72	13.34	13.17
Instruments and related products	8.01	7.89	8.08	8.15	8.09	7.96	7.88	7.83	7.86	7.97	8.01	8.13	8.17
Measuring and controlling devices	7.99	7.88	8.10	8.19	8.07	7.93	7.79	7.73	7.73	7.86	8.05	8.17	8.25
Nondurable Goods[b]	10.02	9.93	9.91	9.95	10.03	9.98	9.99	10.01	10.02	10.05	10.06	10.10	10.16
Food and kindred products	9.91	9.80	9.81	9.90	10.03	9.97	10.00	9.94	9.90	9.79	9.85	9.86	9.97
Meat products	9.52	9.50	9.47	9.57	9.84	9.62	9.55	9.45	9.35	9.64	9.42	9.42	9.37
Dairy products	9.72	9.70	9.54	9.69	9.60	9.71	9.66	9.63	9.73	9.84	9.84	9.82	9.91
Preserved fruits and vegetables	8.68	8.45	8.67	8.50	8.81	8.75	8.82	8.70	8.71	8.33	8.75	8.88	8.87
Bakery products	10.00	10.59	10.56	10.66	10.46	10.76	11.01	10.97	10.96	10.99	10.99	11.01	11.06
Beverages	9.57	9.34	9.24	9.45	9.52	9.48	9.77	9.48	9.65	9.75	9.74	9.67	9.73
Apparel and other textile products	6.59	6.44	6.51	6.52	6.50	6.48	6.49	6.54	6.48	6.60	6.54	6.61	6.64
Paper and allied products	10.19	10.02	9.97	10.00	10.08	10.14	10.08	10.15	10.29	10.35	10.32	10.39	10.49
Misc. converted paper products	9.34	9.11	9.08	9.32	9.20	9.33	9.36	9.45	9.33	9.27	9.32	9.51	9.71
Paperboard containers and boxes	9.22	9.17	9.16	9.08	9.16	9.38	9.11	9.18	9.27	9.38	9.22	9.23	9.23
Printing and publishing	10.06	10.04	10.15	10.08	10.10	10.06	10.02	9.95	9.93	10.08	10.01	10.06	10.18
Newspapers	9.75	9.70	9.74	9.77	9.63	9.78	9.78	9.80	9.74	9.67	9.71	9.86	9.77
Commercial printing	10.01	10.30	10.30	10.12	10.14	9.94	9.92	9.76	9.75	10.00	9.90	9.84	10.09

See footnotes at end of table.

BS-790-4-0 (1984)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a] (Continued)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Chemicals and allied products	$11.90	$11.28	$11.27	$11.34	$11.46	$11.46	$11.49	$11.51	$11.52	$11.60	$11.66	$11.67	$11.70
Industrial inorganic chemicals	12.34	12.11	12.17	12.08	12.19	12.25	12.32	12.37	12.31	12.36	12.83	12.50	12.60
Rubber and misc. plastics products	9.74	9.76	9.71	9.77	9.78	9.78	9.75	9.79	9.84	9.80	9.76	9.83	9.95
Tires and inner tubes	12.80	12.74	12.89	12.80	12.85	12.85	13.04	13.07	13.13	13.06	13.05	13.09	12.89
Miscellaneous plastics products	9.51	9.55	9.51	9.59	9.56	9.39	9.40	9.46	9.51	9.47	9.40	9.49	9.75
MINING	11.26	11.16	11.20	11.32	11.31	11.19	11.19	11.19	11.17	11.34	11.25	11.30	11.48
Bituminous coal and lignite mining	14.33	14.00	14.05	14.11	14.13	14.21	14.28	14.22	14.30	14.51	14.55	14.77	15.00
CONSTRUCTION	15.38	15.69	15.72	15.68	15.32	15.35	15.16	15.07	15.13	15.23	15.38	15.37	15.67
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	12.14	12.00	11.92	11.96	11.97	11.99	12.05	12.07	12.33	12.37	12.33	12.37	12.33
Communication	12.11	12.12	12.01	12.04	11.96	11.92	12.02	11.97	12.30	12.31	12.26	12.24	12.15
Electric, gas, and sanitary services	12.19	11.84	11.79	11.86	11.98	12.08	12.09	12.21	12.37	12.46	12.43	12.56	12.58
WHOLESALE TRADE	8.65	8.51	8.53	8.57	8.62	8.66	8.68	8.66	8.66	8.74	8.72	8.72	8.76
Wholesale trade-durable goods	8.44	8.23	8.28	8.34	8.42	8.45	8.46	8.47	8.49	8.58	8.53	8.50	8.55
Wholesal trade-nondurable goods	9.01	9.00	8.97	8.97	8.97	9.02	9.06	8.97	8.94	9.02	9.04	9.07	9.13
RETAIL TRADE[d]	5.40	5.48	5.44	5.44	5.44	5.40	5.38	5.36	5.35	5.38	5.39	5.40	5.39
General merchandise stores	5.45	5.43	5.46	5.47	5.49	5.43	5.46	5.45	5.45	5.46	5.48	5.45	5.36
Department stores	5.53	5.51	5.54	5.55	5.57	5.58	5.54	5.52	5.53	5.53	5.55	5.53	5.42
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	8.64	8.51	8.50	8.52	8.56	8.58	8.60	8.65	8.66	8.72	8.76	8.80	8.81

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision. [b]Includes miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-25-85 RS-790-4-0 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.3	42.5	42.4	42.5	42.5	42.0	42.1	41.7	41.7	42.3	41.9	42.6	42.9
Durable Goods[b]	42.5	42.7	42.6	42.8	42.7	42.3	42.3	41.9	42.0	42.6	42.1	42.9	43.3
Lumber and wood products	40.1	39.1	39.3	39.9	39.6	40.3	40.5	41.0	40.9	40.6	39.7	39.6	40.1
Furniture and fixtures	40.7	41.2	41.0	42.1	41.2	40.4	40.2	39.5	40.9	40.1	40.4	40.0	40.9
Stone, clay, and glass products	41.5	41.7	41.3	41.3	41.8	41.4	41.5	41.5	41.5	41.3	41.1	41.7	41.8
Glass and glassware, pressed or blown	40.2	40.4	40.2	40.1	40.6	40.4	40.9	40.0	40.2	40.1	40.2	40.3	39.3
Primary metal industries	42.2	42.2	42.8	42.5	42.7	42.2	42.5	41.6	41.5	42.4	42.0	42.3	41.9
Blast furnace and basic steel products	40.5	41.0	41.8	41.0	42.3	41.2	41.4	39.9	39.3	40.4	39.7	39.3	38.5
Iron and steel foundries	43.3	42.9	43.5	43.3	42.5	43.6	43.5	41.7	42.8	43.3	42.9	45.0	44.3
Nonferrous rolling and drawing	44.6	43.5	43.4	44.5	43.0	42.7	42.6	44.1	42.8	43.8	43.4	44.5	44.3
Fabricated metal products	42.4	43.2	43.2	42.7	42.9	42.5	42.3	41.7	41.5	41.9	41.6	42.5	43.4
Cutlery, hand tools, and hardware	40.4	42.7	41.6	40.8	40.1	39.5	39.9	39.7	40.7	39.7	39.3	40.3	40.1
Fabricated structural metal products	41.9	42.1	41.6	40.9	41.1	41.2	41.5	41.8	41.5	42.4	41.7	43.9	42.4
Metal forgings and stampings	44.1	45.3	45.2	45.1	45.4	44.5	44.2	42.4	42.0	42.7	42.7	43.4	46.2
Machinery, except electrical	42.9	43.0	43.1	42.9	43.1	42.7	42.7	42.5	42.0	42.7	42.4	43.3	44.1
Construction and related machinery	40.2	39.5	40.4	40.0	40.1	40.2	40.5	39.8	39.3	40.3	40.3	40.7	41.6
Metalworking machinery	42.2	42.1	41.9	42.1	42.1	42.1	42.0	41.6	41.3	42.0	42.0	43.2	43.7
Special industry machinery	43.7	42.5	42.8	42.3	43.0	42.8	44.0	44.4	43.1	44.3	43.9	45.1	46.0
General industrial machinery	42.0	42.4	42.4	42.5	42.8	42.4	41.5	41.1	41.4	41.6	41.4	41.7	42.3
Office and computing machines	42.5	41.3	42.4	41.0	42.8	42.3	43.1	41.7	41.7	43.2	42.0	42.9	43.3
Refrigeration and service machinery	44.0	46.0	43.4	41.6	44.4	43.1	43.2	45.5	43.2	44.3	42.8	44.0	45.2
Electric and electronic equipment	41.2	41.0	41.7	41.5	41.4	41.2	40.6	40.7	40.8	41.1	41.1	41.3	42.0
Electrical industrial apparatus	41.0	39.6	40.6	41.4	41.2	40.8	41.0	41.4	41.2	41.4	40.8	41.5	41.3
Household appliances	40.8	41.4	42.9	41.2	40.7	39.3	39.4	40.6	40.4	39.9	40.0	40.2	43.1
Electric lighting and wiring equipment	41.5	41.1	42.1	42.2	42.6	42.0	41.1	40.3	40.8	41.1	41.9	42.2	40.2
Communication equipment	42.6	40.8	40.8	40.8	41.0	42.5	43.0	41.2	43.2	43.7	43.4	43.4	46.2
Transportation equipment	44.8	44.8	43.8	45.3	44.6	44.0	44.2	43.8	44.5	45.8	44.8	4 .1	46.2
Motor vehicles and equipment	45.5	45.5	44.5	46.2	45.4	44.6	45.1	44.5	45.4	46.9	45.2	46.0	46.6
Aircraft and parts	43.2	42.7	41.7	42.4	42.1	42.0	41.9	42.8	42.2	43.2	44.0	47.5	45.6
Instruments and related products	40.4	40.5	40.7	41.0	40.5	39.9	40.0	39.6	40.1	40.3	40.0	41.1	41.1
Measuring and controlling devices	40.0	40.6	41.0	40.9	40.3	39.6	39.2	38.6	39.3	40.0	39.9	39.9	40.4
Nondurable Goods[b]	41.7	42.1	41.8	41.9	41.9	41.4	41.5	41.2	41.1	41.8	41.5	41.9	42.0
Food and kindred products	42.1	41.8	41.9	42.1	42.3	41.8	42.5	42.1	42.2	43.8	41.9	42.2	42.7
Meat products	42.0	41.2	40.3	42.6	42.4	41.0	41.3	42.2	41.4	43.8	42.6	42.6	43.1
Dairy products	43.1	43.8	42.8	43.2	42.5	42.9	43.3	43.1	43.0	43.3	43.3	43.1	43.3
Preserved fruits and vegetables	42.4	42.4	43.7	41.5	42.4	41.2	42.5	41.1	41.3	45.9	41.9	41.6	41.7
Bakery products	41.2	41.8	40.6	41.2	42.0	41.8	41.2	42.0	40.8	41.3	39.5	40.2	41.4
Beverages	39.8	38.4	39.2	39.6	40.3	39.4	42.5	39.5	40.3	39.7	39.5	39.1	40.4
Apparel and other textile products	37.9	38.4	38.1	38.8	37.7	37.8	37.0	36.4	37.4	37.8	38.4	38.4	38.0
Paper and allied products	44.2	44.4	44.4	44.4	44.3	44.6	43.7	43.9	43.3	44.0	43.7	44.9	44.4
Misc. converted paper products	43.5	43.4	43.4	43.8	43.1	43.1	43.3	43.9	42.6	42.6	42.6	44.9	45.5
Paperboard containers and boxes	42.7	41.8	43.3	41.4	42.5	43.5	42.2	41.3	41.5	43.0	42.4	43.4	41.9
Printing and publishing	38.4	38.5	38.4	38.3	38.5	38.2	38.0	38.1	38.1	38.5	38.4	38.9	39.1
Newspapers	33.4	33.0	32.8	33.4	33.2	33.5	33.0	33.1	33.0	33.1	34.3	34.4	33.6
Commercial printing	40.1	40.6	40.3	39.8	40.4	39.6	39.6	40.5	40.2	41.0	39.9	41.0	41.1

See footnotes at end of table.

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a] (Continued)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Chemicals and allied products	41.6	42.4	41.9	42.0	42.1	41.3	41.2	40.9	40.7	41.3	41.2	41.9	42.6
Industrial inorganic chemicals	41.7	42.2	42.3	42.1	42.6	42.3	41.6	41.5	40.9	41.3	41.2	41.5	41.5
Rubber and misc. plastics products	42.9	44.0	43.6	43.6	43.4	42.8	42.9	42.2	42.1	42.7	42.5	42.9	42.7
Tires and inner tubes	45.7	45.1	45.3	45.0	45.5	45.8	46.7	45.4	46.6	46.4	45.3	46.4	44.9
Miscellaneous plastics products	42.6	44.0	43.3	43.4	43.5	42.4	42.4	41.7	41.3	42.3	42.1	42.3	42.8
MINING	43.9	44.3	44.4	42.7	42.4	43.8	44.5	43.7	44.0	44.2	44.1	44.1	44.6
Bituminous coal and lignite mining	42.4	42.4	43.0	43.0	42.5	42.8	43.1	42.5	42.3	43.5	41.1	40.9	41.5
CONSTRUCTION	38.4	37.1	38.0	37.6	37.7	37.3	38.9	38.7	39.1	39.3	39.8	38.1	37.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.6	40.7	40.2	40.3	40.5	40.3	40.6	40.7	40.8	40.8	40.6	40.8	40.7
Communication	40.4	40.6	40.1	40.1	40.3	40.1	40.6	40.8	40.7	40.8	40.4	40.5	40.2
Electric, gas, and sanitary services	40.8	40.8	40.3	40.6	40.8	40.6	40.7	40.6	40.9	40.9	40.9	41.1	41.4
WHOLESALE TRADE	39.4	39.7	39.3	39.2	39.4	39.5	39.5	39.6	39.3	39.2	39.2	39.2	39.4
Wholesale trade-durable goods	39.8	40.3	39.9	39.9	40.0	39.9	40.0	39.5	39.4	39.6	39.6	39.4	39.7
Wholesale trade-nondurable goods	38.8	38.8	38.4	38.1	38.4	38.8	38.8	39.6	39.2	38.7	38.6	38.9	38.9
RETAIL TRADE	29.0	28.7	28.7	28.8	28.9	29.0	29.3	29.5	29.3	28.9	28.6	28.5	29.4
General merchandise stores	30.3	29.6	29.4	30.2	30.4	30.2	30.8	30.6	30.3	30.4	29.7	29.4	32.5
Department Stores	30.4	29.7	29.4	30.3	30.5	30.3	30.9	30.8	30.4	30.6	29.8	29.4	32.6
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	33.6	33.7	33.2	33.2	33.4	33.3	33.5	33.6	33.6	34.0	33.6	33.9	33.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [e]Not comparable with previous figures due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-12-85 BS-790-3-0 (1984)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$461.61	$460.70	$459.14	$464.10	$465.38	$458.64	$459.73	$454.53	$455.36	$464.45	$460.48	$473.71	$483.05
Durable Goods[b]	482.80	479.09	477.55	484.50	483.79	477.99	478.41	472.21	474.18	484.79	479.10	495.50	506.18
Lumber and wood products	296.34	289.73	288.07	294.86	294.23	293.03	301.73	301.76	300.62	300.03	292.19	293.83	297.54
Furniture and fixtures	325.60	326.30	324.72	334.27	324.24	314.16	321.20	315.21	333.34	324.01	327.24	320.40	332.52
Stone, clay, and glass products	419.15	417.42	412.59	413.83	414.67	415.24	419.57	418.32	418.32	416.72	416.34	427.43	431.38
Glass and glassware, pressed or blown	436.58	431.07	428.13	427.47	438.07	438.34	448.26	435.20	439.39	443.11	449.03	450.55	440.55
Primary metal industries	537.21	528.34	540.99	538.10	540.98	537.61	540.18	528.74	528.30	542.30	536.76	547.79	543.86
Blast furnaces and basic steel products	529.34	529.21	549.25	536.69	566.82	543.43	542.34	523.89	512.67	526.41	518.09	512.08	503.97
Iron and steel foundries	548.61	529.19	538.10	537.74	524.45	548.49	544.62	512.91	539.71	555.54	550.84	603.00	594.95
Nonferrous rolling and drawing	600.81	574.42	581.56	606.09	582.22	579.44	586.60	614.16	600.48	610.57	601.52	627.45	625.07
Fabricated metal products	475.10	466.86	465.57	482.08	486.86	477.70	471.76	462.45	458.16	463.00	459.68	475.15	500.40
Cutlery, hand tools, and hardware	470.64	515.39	493.79	498.07	467.17	467.81	462.44	461.71	470.49	456.95	446.84	461.03	467.97
Fabricated structural metal products	417.84	431.42	414.34	406.96	406.89	413.24	415.00	415.07	410.44	430.36	420.75	448.22	429.51
Metal forgings and stampings	589.21	598.87	595.74	600.71	611.08	592.30	589.19	558.91	550.62	552.11	557.66	573.31	642.64
Machinery, except electrical	467.61	468.27	468.07	467.18	468.93	463.87	462.01	459.43	455.28	466.71	461.74	477.17	489.51
Construction and related machinery	436.87	432.26	427.03	420.43	420.65	420.89	414.72	405.16	398.11	410.27	413.48	417.18	432.64
Metalworking machinery	433.33	436.58	431.67	436.16	436.58	419.74	435.54	432.64	426.63	439.32	437.64	454.46	461.04
Special industry machinery	456.23	437.31	442.55	449.50	449.34	444.26	457.60	461.32	446.09	461.16	456.56	481.22	495.80
General industrial machinery	464.52	465.55	468.04	467.50	472.51	466.82	456.92	444.29	453.54	462.18	460.78	469.54	480.95
Office and computing machines	366.70	344.01	362.67	362.06	361.37	361.67	374.11	394.04	362.37	384.05	367.50	377.09	381.31
Refrigeration and service machinery	534.48	544.65	534.72	527.56	542.12	520.22	517.97	567.84	532.22	553.75	522.59	557.04	576.75
Electric and electronic equipment	420.65	410.41	420.34	417.08	421.54	420.65	411.68	412.29	417.38	423.74	424.56	428.69	440.58
Electrical industrial apparatus	408.67	377.33	390.17	405.65	404.17	402.70	402.21	410.69	409.12	414.41	410.86	417.84	415.48
Household appliances	431.25	429.32	458.17	431.36	430.20	424.54	413.31	425.08	426.22	421.74	422.80	427.73	466.77
Electric lighting and wiring equipment	417.08	402.78	410.48	416.94	429.15	415.64	412.64	399.37	413.30	418.40	431.99	440.99	414.06
Communication equipment	478.84	440.03	432.07	431.66	444.65	471.88	477.73	443.31	496.80	504.74	501.27	498.23	543.48
Transportation equipment	641.46	585.04	565.46	602.94	591.18	582.56	591.40	587.80	590.86	625.63	611.37	643.10	654.19
Motor vehicles and equipment	672.00	611.07	590.52	639.71	624.70	611.02	624.18	614.10	631.06	660.35	636.42	668.72	680.36
Aircraft and parts	680.00	515.82	500.82	514.31	509.89	507.36	512.96	535.06	527.92	549.07	559.68	633.65	600.55
Instruments and related products	321.60	321.60	328.96	334.15	327.65	317.60	315.20	310.07	315.19	321.19	320.40	334.14	335.79
Measuring and controlling devices	319.60	328.99	332.10	332.52	325.27	314.03	305.17	298.38	303.79	318.40	321.20	325.98	333.30
Nondurable Goods[c]	417.80	418.06	414.24	416.91	420.26	413.17	414.59	412.41	411.82	420.09	417.49	423.19	426.72
Food and kindred products	419.19	409.64	411.04	416.79	424.27	416.75	425.00	418.47	417.78	428.80	412.72	420.31	425.72
Meat products	394.84	391.40	381.64	407.68	417.22	394.42	394.42	398.79	387.09	422.23	401.29	401.29	403.85
Dairy products	418.91	424.86	408.31	418.61	408.00	416.56	418.28	416.98	418.33	426.07	426.07	423.24	429.10
Preserved fruits and vegetables	368.03	358.28	378.88	352.75	373.54	360.50	379.10	357.57	359.72	382.35	366.63	369.41	369.88
Bakery products	448.26	442.66	428.74	439.19	460.32	449.77	453.61	460.74	447.17	453.89	434.11	442.60	457.88
Beverages	380.89	358.66	362.21	374.22	383.66	371.51	415.23	374.46	388.90	387.08	384.73	378.10	393.09
Apparel and other textile products	247.49	244.22	248.03	252.38	245.05	244.14	240.13	238.06	242.35	249.48	251.14	253.82	252.32
Paper and allied products	450.40	449.90	442.67	444.00	446.54	452.24	440.50	445.59	445.56	455.40	450.98	466.51	463.09
Misc. converted paper products	400.29	395.37	394.07	408.22	396.52	402.12	405.29	414.86	397.46	394.90	397.03	427.00	441.81
Paperboard containers and boxes	393.63	402.52	396.63	394.07	389.30	408.03	384.44	384.64	384.71	403.34	390.93	400.58	386.74
Printing and publishing	386.30	388.47	389.76	385.30	388.85	384.29	380.76	379.10	378.33	388.08	384.38	391.33	398.04
Newspapers	325.65	320.10	319.47	326.32	321.71	327.63	322.74	324.38	321.42	320.08	333.05	339.18	328.27
Commercial printing	403.40	418.18	415.09	402.78	409.66	393.62	392.83	395.28	391.95	410.00	395.01	403.44	414.70

See footnotes at end of table.

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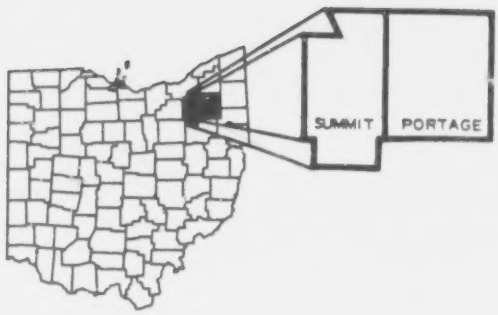
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a] (Continued)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Chemicals and allied products	$478.40	$474.89	$472.21	$476.28	$482.47	$473.10	$473.39	$470.76	$468.86	$479.08	$480.33	$488.97	$498.42
Industrial inorganic chemicals	514.58	511.04	514.79	508.57	519.29	518.18	512.51	513.36	503.48	510.47	528.60	518.75	522.90
Rubber and misc. plastics products	413.69	429.44	424.36	425.47	424.45	415.16	418.28	413.14	414.26	418.46	414.80	421.71	424.87
Tires and inner tubes	592.27	576.89	582.11	576.00	584.68	588.53	608.97	593.38	611.86	605.98	591.17	607.38	578.76
Miscellaneous plastics products	405.13	420.20	411.78	416.21	415.86	398.14	398.56	394.48	392.76	400.58	395.74	401.43	417.30
MINING	444.31	434.39	437.28	483.36	479.54	490.12	497.96	489.00	491.48	501.23	496.13	498.33	512.01
Bituminous coal and lignite mining	607.59	593.60	604.15	606.73	600.53	608.19	615.47	604.35	604.89	631.19	598.01	604.09	624.50
CONSTRUCTION	590.53	582.10	597.36	589.57	577.56	572.56	589.72	583.21	591.58	598.54	612.12	585.60	593.89
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	492.88	488.40	474.18	481.99	484.79	483.20	489.23	491.25	503.06	504.70	500.60	504.70	501.83
Communication	484.24	492.07	481.60	482.80	481.99	477.99	488.01	486.38	500.61	502.25	495.30	495.72	488.43
Electric, gas, and sanitary services	497.35	481.07	475.14	481.52	488.78	490.45	492.06	495.73	505.93	509.61	508.39	516.22	520.81
WHOLESALE TRADE	340.81	337.85	335.23	335.94	339.63	342.07	342.86	342.94	340.34	342.61	341.82	341.82	349.14
Wholesale trade-durable goods	335.91	331.67	330.37	332.77	336.80	337.16	338.40	334.57	334.51	339.77	337.79	334.90	339.44
Wholesale trade-nondurable goods	349.59	349.20	344.45	341.76	344.45	349.88	351.53	355.21	350.45	349.07	348.94	352.82	355.16
RETAIL TRADE[b]	166.60	157.28	156.13	156.67	157.22	156.60	157.63	158.12	156.76	155.48	154.15	153.90	158.47
General merchandise stores	165.14	160.73	160.52	165.19	166.70	165.80	168.17	166.77	165.14	165.48	162.76	160.23	174.20
Department stores	168.11	161.65	162.88	168.17	169.89	169.07	171.19	170.02	168.11	169.22	165.39	162.58	176.69
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	221.75	221.45	222.06	222.84	222.78	221.51	224.14	225.69	225.44	224.23	223.83	224.55	226.42
Credit agencies other than banks	215.74	211.62	214.26	213.57	214.24	213.87	214.40	215.44	216.65	217.45	217.09	218.97	220.36
Insurance carriers	296.12	290.02	292.38	292.31	294.34	295.11	294.06	296.44	296.60	298.87	300.64	301.82	303.56
SERVICES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	290.10	280.79	282.20	282.86	285.90	285.71	288.10	290.64	290.98	296.48	294.34	298.32	297.78

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 RS-790-2-0 (1984)

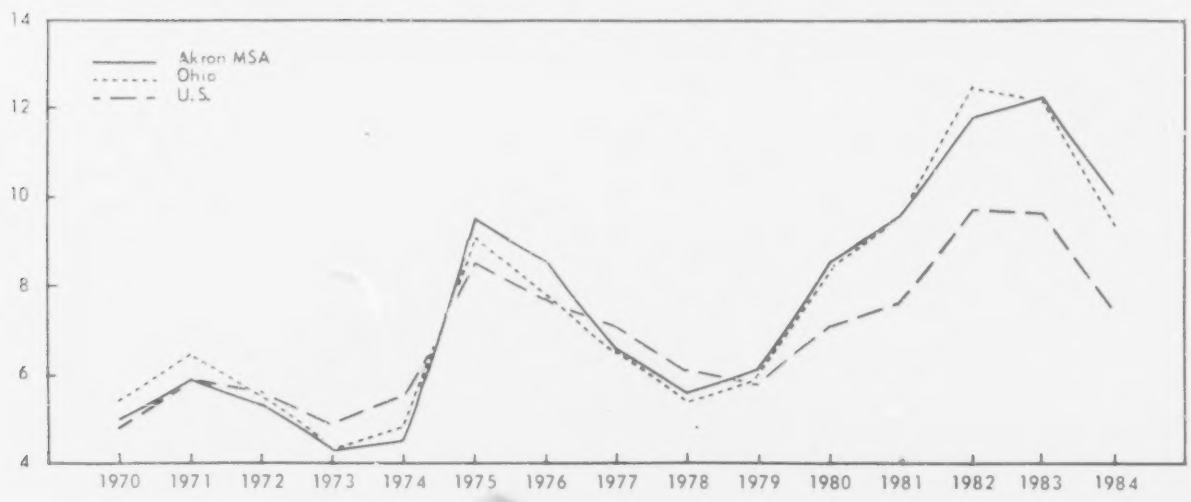
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



In the Akron area, the estimated annual average civilian labor force, based on place of residence, slipped 1,700 from 1983 to 300,700 in 1984. Employment in the area rose 5,200 over the year, and unemployment dropped 6,900 to a 1984 total of 30,300. The unemployment rate declined from 12.3 percent in 1983 to 10.1 percent in 1984 (see table, page 23).

Nonagricultural wage and salary employment in the Akron area advanced 2.7 percent, from 244,700 in 1983, to 251,200 in 1984. After significant losses during the 1979-1983 economic downturns, the rubber and miscellaneous plastics products industry showed signs of recovery, although the increase occurred in plastics products, rather than tires and inner tubes (see table, page 23). Permanent plant closings associated with a general decline in the rubber industry accounted for much of the long-term employment losses in the Akron area. Important declines have also occurred in fabricated metals and nonelectrical machinery (see table, page 23). Expansion in wholesale trade, retail trade, and services has helped to offset the losses in manufacturing employment.

AKRON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

AKRON PRIMARY METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Akron	Ohio	U.S.
1970	276.4	262.5	13.8	5.0	5.4	4.9
1971	277.7	261.3	16.3	5.9	6.5	5.9
1972	282.2	267.3	14.8	5.3	5.5	5.6
1973	287.1	274.9	12.2	4.3	4.3	4.9
1974	290.8	277.7	13.0	4.5	4.8	5.6
1975	292.0	264.3	27.7	9.5	9.1	8.5
1976	291.3	266.3	25.0	8.6	7.8	7.7
1977	294.2	274.7	19.5	6.6	6.5	7.1
1978	298.9	282.2	16.7	5.6	5.4	6.1
1979	303.8	285.4	18.4	6.1	5.9	5.8
1980	304.5	278.3	26.2	8.6	8.4	7.1
1981	304.1	274.9	29.1	9.6	9.6	7.6
1982	303.9	268.0	35.9	11.8	12.5	9.7
1983	302.4	265.2	37.2	12.3	12.2	9.6
1984	300.7	270.4	30.3	10.1	9.4	7.5

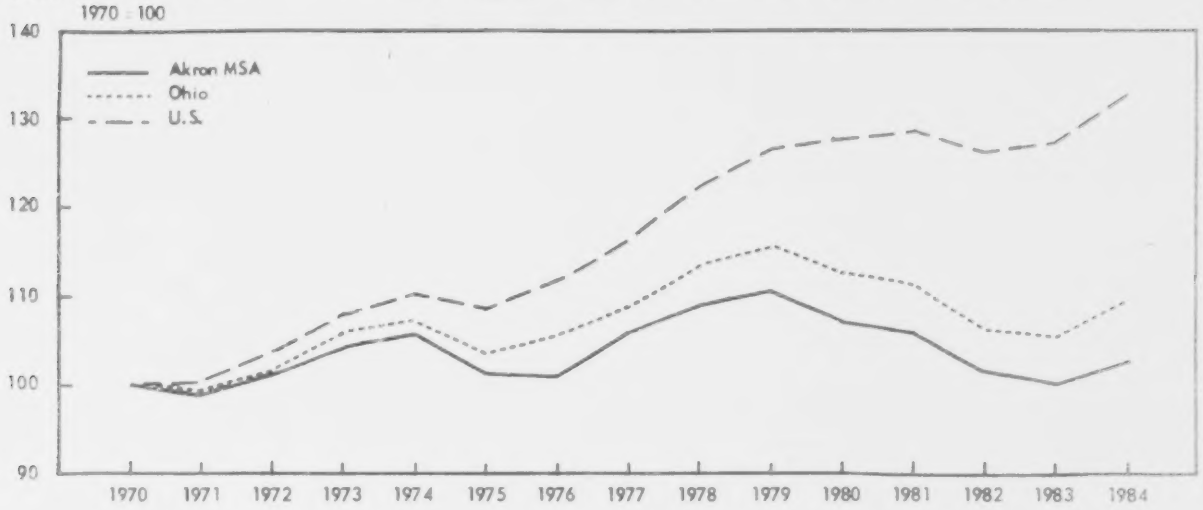
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE AKRON PRIMARY METROPOLITAN STATISTICAL AREA
1979, 1983, and 1984

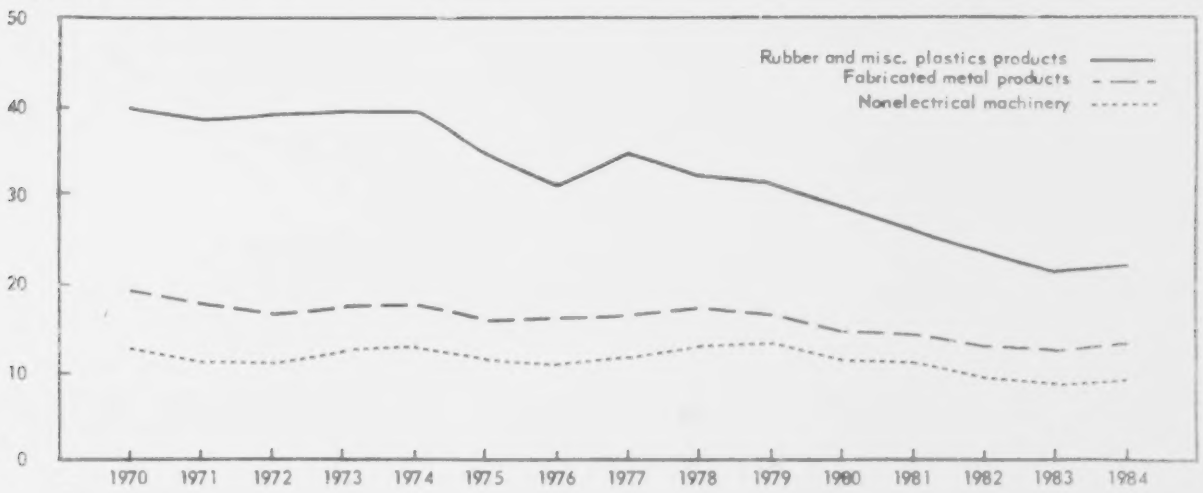
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979–1983	1983–1984	Akron	Ohio
TOTAL	270.3	244.7	251.2	- 26.2	6.5	24.8	39.8
MANUFACTURING	85.6	65.2	67.5	- 20.4	2.3	11.3	18.7
Durable Goods	41.8	32.7	34.9	- 9.1	2.2	24.2	18.8
Fabricated metal products	16.3	12.3	13.1	- 4.0	.8	20.0	18.6
Machinery, except electrical	13.0	8.5	9.1	- 4.5	.6	13.3	18.5
Nondurable Goods	43.9	32.5	32.6	- 11.4	.1	.9	18.4
Rubber and misc. plastics products	31.6	21.6	22.0	- 10.0	.4	4.0	34.6
Tires and inner tubes	24.7	15.5	15.3	- 9.2	- .2	-	.0
CONSTRUCTION	9.8	6.4	7.4	- 3.4	1.0	29.5	29.2
TRANSPORTATION AND PUBLIC UTILITIES	15.2	12.5	13.2	- 2.7	.7	25.9	21.4
WHOLESALE TRADE	11.4	11.4	12.5	.0	1.1	+	100.1
RETAIL TRADE	46.2	45.9	46.6	- .3	1.3	144.4	46.2
FINANCE, INSURANCE, AND REAL ESTATE	9.4	9.2	9.2	- .2	.0	.0	+
SERVICES	49.7	52.3	52.7	2.6	.4	+	+
GOVERNMENT	43.2	40.7	40.4	- 2.5	- .3	-	-
State government	12.4	13.1	13.3	.7	.2	+	+
Local government	26.7	26.6	25.9	- .2	- .5	-	-

+ No downturn
- No upturn

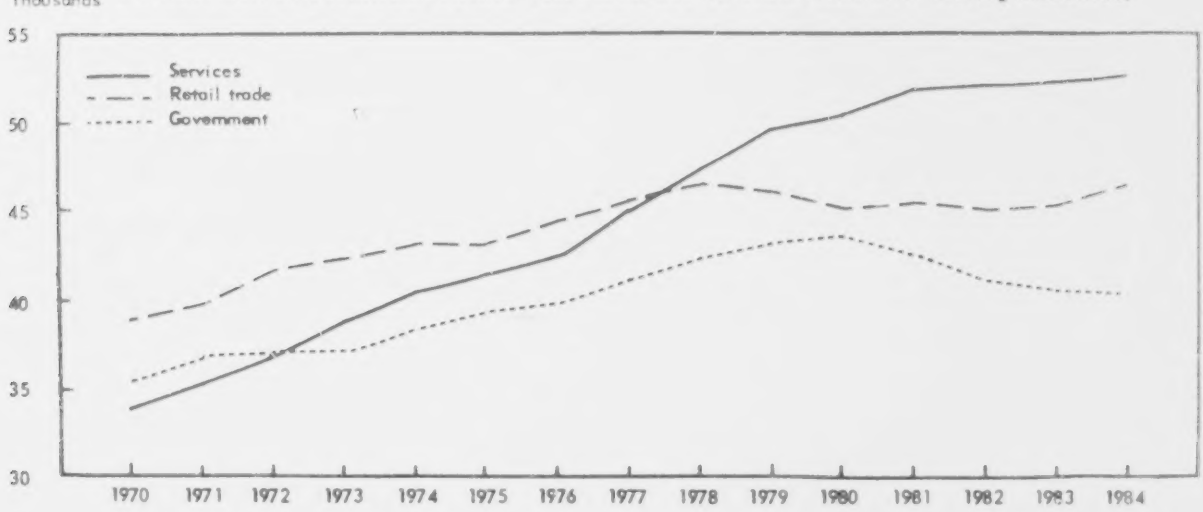
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

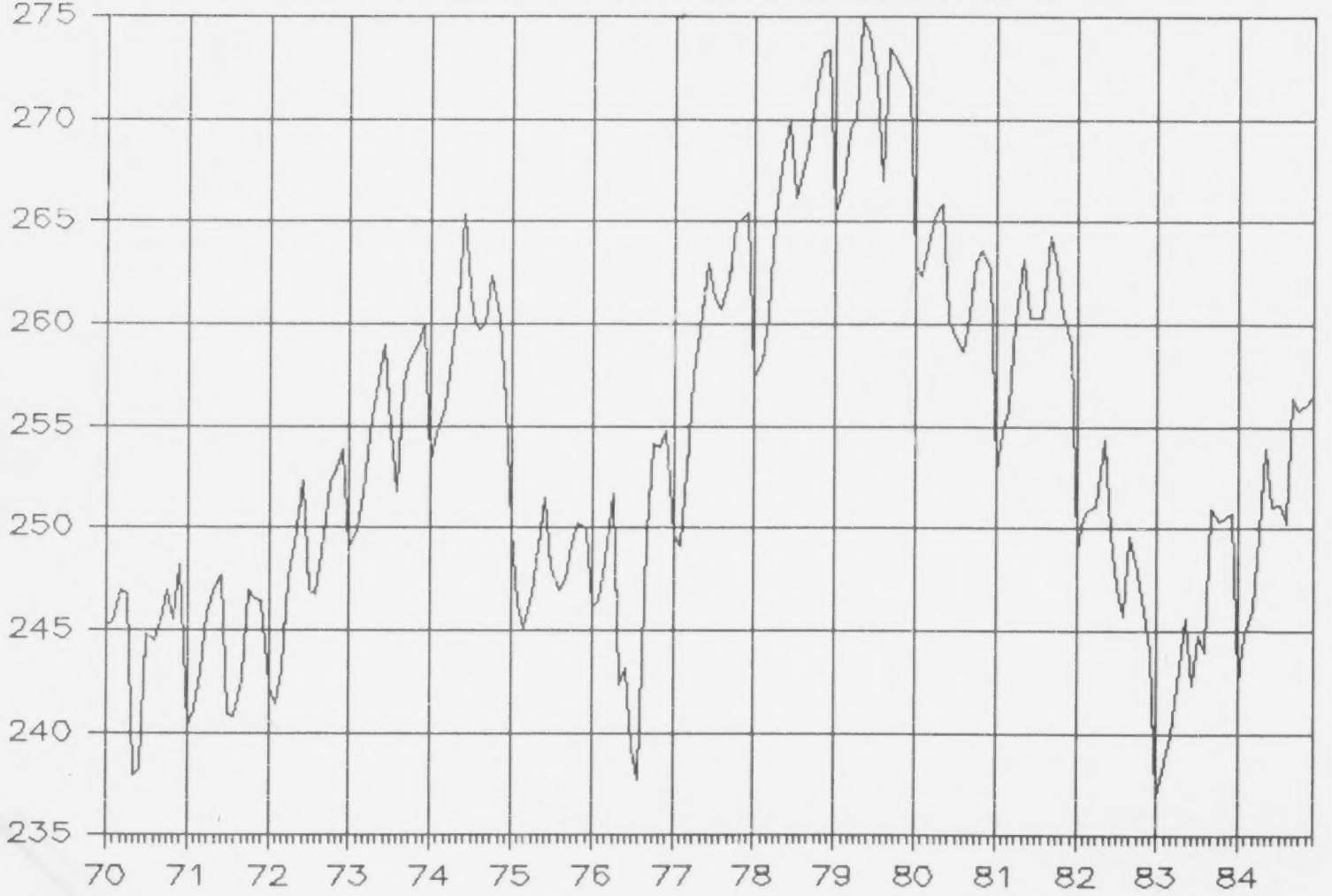


AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



AKRON PMSA

TOTAL NON-AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	251.2	242.5	244.8	246.0	249.8	253.9	251.1	251.2	250.4	256.4	255.8	256.1	256.5
MANUFACTURING	67.5	65.8	66.1	66.3	67.0	67.9	68.6	68.6	68.1	68.4	67.9	67.9	67.5
Durable Goods[b]	34.9	33.4	33.7	33.9	34.3	35.1	35.5	35.6	35.2	35.8	35.6	35.7	35.5
Fabricated metal products	13.1	12.6	12.8	12.8	13.0	13.3	13.3	13.3	12.9	13.4	13.2	13.4	13.4
Machinery, except electrical	9.1	9.1	9.1	9.1	9.3	9.0	9.1	9.3	9.4	9.4	9.5	9.4	9.2
Metalworking machinery	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2
Nondurable Goods[c]	32.6	32.3	32.4	32.4	32.7	32.8	33.1	33.0	32.9	32.6	32.3	32.3	32.1
Food and kindred products	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.6	2.7	2.6	2.6	2.6	2.6
Chemical and allied products	2.8	2.9	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.7	2.7	2.6
Rubber and misc. plastics products	21.0	21.0	21.1	21.1	22.1	22.1	22.2	22.2	22.1	22.0	22.0	22.0	21.9
Tires and inner tubes	15.3	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.3	15.2	15.1	15.3	15.3
NONMANUFACTURING[d]	183.7	176.7	178.7	179.7	182.9	186.0	182.5	182.6	182.3	187.9	187.9	188.2	189.0
CONSTRUCTION	7.9	5.8	6.0	6.8	6.8	7.5	8.3	9.1	9.4	9.4	9.6	9.0	8.4
TRANSPORTATION AND PUBLIC UTILITIES	13.2	13.1	13.1	13.0	13.1	13.2	13.2	13.2	13.3	13.4	13.4	13.3	13.3
Communication, electric, gas services	5.6	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5
WHOLESALE TRADE	13.0	12.9	12.9	12.9	12.8	13.0	13.1	13.2	13.3	13.3	13.4	13.4	13.6
RETAIL TRADE	46.6	45.3	44.8	45.2	45.9	46.4	46.8	47.1	47.0	47.4	47.1	47.6	48.6
General merchandise stores	6.8	6.8	6.5	6.4	6.5	6.5	6.5	6.6	6.6	6.7	6.9	7.3	7.8
FINANCE, INSURANCE, AND REAL ESTATE	9.2	9.1	9.1	9.1	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.4	9.4
Banking	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0	3.0
SERVICES	50.7	50.9	51.1	51.2	52.6	53.7	54.4	54.0	53.7	53.0	52.5	52.4	52.5
Business services	9.6	9.0	9.0	9.1	9.4	9.6	9.6	9.6	9.7	9.8	10.0	9.9	10.0
Amusement and recreation services	3.2	2.4	2.5	2.4	2.8	3.6	4.1	4.3	4.2	3.4	2.7	2.7	2.8
Health services	17.4	17.6	17.7	17.6	17.5	17.5	17.5	17.4	17.1	17.1	17.2	17.2	17.1
GOVERNMENT	40.4	40.1	40.2	42.2	42.0	42.2	36.6	36.1	35.6	41.3	41.9	42.3	42.5
State government	14.3	12.5	14.5	14.7	14.5	14.5	9.1	10.3	10.2	14.4	14.9	15.0	15.2
State government education	10.4	9.6	11.7	11.9	11.7	11.7	6.1	7.3	7.2	11.5	12.1	12.2	12.3
State government, except education	2.9	2.9	2.8	2.8	2.8	2.8	3.0	3.0	3.0	2.9	2.8	2.9	2.9
Local government	25.0	24.5	25.6	25.5	25.4	25.6	25.4	23.7	23.2	24.7	24.9	25.2	25.1
Local government education	13.3	12.8	14.0	13.9	13.7	13.8	13.4	11.7	11.4	13.2	13.6	13.8	13.8
Local government, except education	11.7	11.7	11.6	11.6	11.7	11.8	11.4	12.0	11.8	11.6	11.3	11.4	11.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 4/16 4-2-85 RS-790-1-1 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	244.7	236.9	238.6	239.9	242.3	245.5	242.2	244.7	243.9	250.8	250.2	250.3	250.5
MANUFACTURING	65.2	63.5	64.0	64.1	64.6	64.6	64.9	65.6	66.0	66.3	66.6	66.3	65.9
Durable Goods[b]	32.7	31.3	31.9	32.1	32.3	32.3	32.4	32.7	33.2	33.6	33.9	33.6	33.4
Fabricated metal products	12.3	11.9	12.4	12.5	12.6	12.4	12.3	12.0	12.2	12.3	12.4	12.6	12.6
Machinery, except electrical	8.5	8.1	8.1	8.1	8.2	8.3	8.4	8.8	8.9	9.1	9.2	8.8	8.6
Metalworking machinery	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Nondurable Goods[c]	32.5	32.2	32.1	32.0	32.3	32.3	32.5	32.9	32.8	32.7	32.8	32.7	32.5
Food and kindred products	2.6	2.7	2.5	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.6	2.7
Chemicals and allied products	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9
Rubber and misc. plastics products	21.8	21.4	21.3	21.3	21.5	21.4	21.5	21.8	21.8	21.8	21.9	21.9	21.8
Tires and inner tubes	15.5	15.7	15.6	15.6	15.6	15.5	15.5	15.6	15.5	15.4	15.5	15.4	15.3
NONMANUFACTURING[d]	179.5	173.5	174.7	175.8	177.7	180.9	177.3	179.1	177.9	184.5	183.6	184.1	184.6
CONSTRUCTION	6.9	5.2	5.0	5.2	5.8	6.6	7.5	7.9	8.1	8.2	8.2	7.8	7.2
TRANSPORTATION AND PUBLIC UTILITIES	12.5	12.3	12.4	12.4	12.5	12.6	12.7	12.8	11.8	12.7	12.8	12.8	12.8
Communication, electric, gas services	5.4	5.5	5.5	5.5	5.5	5.5	5.6	5.5	4.5[e]	5.5	5.5	5.5	5.5
WHOLESALE TRADE	11.9	11.5	11.5	11.6	11.5	11.6	11.7	12.0	12.1	12.2	12.2	12.3	12.5
RETAIL TRADE	45.3	43.5	43.0	43.4	44.3	44.9	45.4	45.6	46.0	46.2	46.3	46.9	47.9
General merchandise stores	6.6	6.7	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.5	6.7	7.2	7.6
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.2	9.1	9.1	9.1	9.2	9.3	9.2	9.2	9.1	9.1	9.0	9.0
Banking	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1
SERVICES	52.3	50.7	50.6	50.8	51.3	52.7	53.6	54.3	54.1	53.1	52.4	52.3	52.2
Business services	8.5	8.1	8.1	8.1	8.2	8.4	8.4	8.8	8.7	8.8	8.7	8.8	8.9
Amusement and recreation services	3.2	2.5	2.6	2.5	2.8	3.8	4.3	4.4	4.4	3.2	2.4	2.5	2.6
Health services	17.7	17.7	17.5	17.5	17.6	17.6	17.7	17.9	18.0	17.9	17.9	17.9	17.9
GOVERNMENT	40.7	40.4	42.4	42.6	42.4	42.6	36.4	36.7	36.0	42.2	42.0	42.3	42.5
State government	13.1	12.5	14.2	14.4	14.3	14.3	8.8	10.1	10.0	14.7	14.5	14.5	14.7
State government education	10.1	9.5	11.3	11.4	11.4	11.4	5.8	7.1	7.0	11.8	11.6	11.7	11.8
State government, except education	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.9
Local government	25.5	25.9	26.1	26.2	26.1	26.3	25.5	24.5	23.9	25.5	25.5	25.6	25.5
Local government education	13.6	14.2	14.5	14.6	14.3	14.3	13.4	11.8	11.6	13.5	13.7	13.8	13.7
Local government, except education	11.9	11.7	11.6	11.6	11.7	11.9	12.1	12.7	12.3	12.0	11.8	11.8	11.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-30-85 RS-790-1-1 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	244.7	244.1	248.1	255.2	259.0	248.4	247.3	259.3	266.6	270.9	262.4	259.5	248.8
MANUFACTURING	96.4	91.7	91.3	94.0	94.2	84.5	80.3	85.6	85.9	85.6	79.1	75.7	68.3
Durable Goods[b]	45.0	41.5	41.1	43.1	43.4	38.7	38.0	39.5	41.9	41.8	38.4	37.8	33.9
Fabricated metal products	19.2	17.8	16.8	17.3	17.4	15.8	16.0	16.4	17.1	16.3	14.7	14.2	12.7
Machinery, except electrical	12.7	11.1	11.1	12.3	12.8	11.4	10.9	11.6	12.9	13.0	11.3	11.0	9.4
Nondurable Goods[c]	51.3	50.1	50.2	50.9	50.8	45.8	42.3	46.1	44.0	43.9	40.8	37.9	34.4
Food and kindred products	3.8	3.8	3.4	3.3	3.2	3.0	2.9	2.9	3.1	3.2	3.2	2.9	2.7
Chemicals and allied products	3.7	3.7	3.7	3.4	3.4	3.3	3.4	3.6	3.8	4.0	3.6	3.4	3.3
Rubber and misc. plastics products	34.3	33.6	33.8	33.4	33.3	34.3	31.3	34.8	32.3	31.6	28.7	26.3	23.5
Tires and inner tubes	33.6	32.8	32.6	32.8	32.7	29.2	24.6	28.1	25.5	24.7	22.5	20.2	17.7
NONMANUFACTURING[d]	148.3	152.4	156.8	161.2	164.8	163.9	167.0	173.7	180.7	185.3	183.3	183.8	180.5
CONSTRUCTION	8.6	8.1	8.1	8.2	8.2	7.5	7.0	7.6	8.6	9.2	8.0	7.7	7.0
TRANSPORTATION AND PUBLIC UTILITIES	14.9	15.3	15.6	16.0	15.8	14.1	14.1	14.3	14.6	15.2	14.2	14.0	13.1
Communication, electric, gas services	5.2	5.3	5.3	5.4	5.4	5.3	5.1	5.0	5.1	5.3	5.4	5.5	5.6
WHOLESALE TRADE	9.5	9.3	9.3	9.7	10.0	10.0	10.3	10.8	11.5	11.9	12.0	12.5	12.2
RETAIL TRADE	38.8	39.9	41.6	42.4	43.2	43.1	44.5	45.6	46.6	46.2	45.3	45.5	45.1
FINANCE, INSURANCE, AND REAL ESTATE	7.0	7.4	8.4	8.6	8.5	8.2	8.4	8.9	9.2	9.4	9.3	9.3	9.3
SERVICES	33.8	35.3	36.8	38.9	40.4	41.4	42.6	45.1	47.4	49.7	50.4	51.8	52.1
GOVERNMENT	35.4	36.8	36.8	36.9	38.3	39.3	39.8	41.2	42.4	43.2	43.6	42.5	41.1
State government (includes education)	11.3	11.9	11.4	11.4	11.6	11.4	11.5	12.0	12.2	12.4	12.8	12.8	12.8
Local government (includes education)	21.5	22.3	22.8	23.0	24.2	25.5	26.0	27.0	28.0	28.7	28.4	27.6	26.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-26-85 RS 790-0-1

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.77	$10.72	$10.68	$10.72	$10.67	$10.74	$10.79	$10.68	$10.76	$10.76	$10.89	$10.85	$10.97
Durable goods[b]	11.08	11.07	11.04	11.07	10.97	11.05	11.08	10.87	11.01	10.95	11.11	11.09	11.26
Fabricated metal products	13.05	13.09	13.05	13.32	13.27	13.37	13.50	12.86	13.21	12.94	13.29	12.99	13.62
Machinery, except electrical	9.35	9.04	9.13	9.27	9.13	9.28	9.30	9.41	9.42	9.46	9.44	9.49	9.53
Metalworking machinery	9.58	9.58	9.58	9.64	9.56	9.49	9.47	9.54	9.52	9.60	9.61	9.57	9.81
Nondurable goods	10.31	10.15	10.13	10.19	10.23	10.25	10.35	10.40	10.38	10.45	10.40	10.45	10.33
Food and kindred products	10.3	10.19	10.04	10.25	10.29	10.38	10.35	10.28	10.33	10.34	10.38	10.41	10.30
Chemicals and allied products	10.71	10.61	10.72	10.74	10.88	10.76	10.92	10.89	10.75	10.88	10.72	10.69	10.43
Rubber and misc. plastic products	10.69	10.46	10.51	10.60	10.69	10.66	10.77	10.81	10.78	10.89	10.70	10.70	10.69
Tires and inner tubes	13.47	13.30	13.37	13.34	13.39	13.39	13.53	13.66	13.67	13.69	13.51	13.51	13.39
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	12.37	[redacted]	12.28	12.24	12.26	12.14	12.25	12.16	12.52	12.65	12.51	12.59	12.55
WHOLESALE TRADE	8.01	7.94	7.85	7.99	8.05	8.08	8.09	8.14	8.23	8.17	8.17	8.14	8.30
RETAIL TRADE[c]	5.94	5.91	5.93	5.96	5.96	5.91	5.99	5.89	5.98	5.98	6.03	5.99	5.86

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. [c]Includes 3 basic manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of two periods. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-23-85 RS-790-4.1 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.7	43.7	43.8	43.6	43.3	43.1	43.8	43.4	43.3	43.3	42.9	44.2	45.6
Durable Goods[b]	44.	44.3	44.4	44.2	44.2	43.7	44.1	43.7	43.1	43.7	43.3	45.1	46.4
Fabricated metal products	44.0	46.8	47.1	47.3	47.2	46.1	44.9	42.7	41.0	42.6	42.3	45.9	49.0
Machinery, except electrical	45.1	44.2	44.1	44.2	44.2	44.3	45.4	46.2	44.7	45.0	44.5	45.4	46.6
Metalworking machinery	44.7	44.3	44.6	44.6	44.4	44.5	47.0	45.5	43.4	44.7	44.0	44.9	46.2
Nondurable Goods[b]	43.	43.	43.2	43.2	43.4	43.4	43.5	43.1	43.5	42.7	42.3	43.8	43.2
Food and kindred products	44.3	43.	43.1	43.1	44.0	43.5	43.3	43.0	44.0	43.6	43.5	43.9	43.7
Chemicals and allied products	41.3	41.3	41.4	41.5	41.3	41.0	41.0	40.9	41.6	41.5	41.8	41.8	41.1
Rubber and misc. plastics products	44.3	44.	44.0	44.	44.1	43.7	43.0	43.9	44.0	44.0	43.5	44.3	44.1
Tires and inner tubes	47.1	46.1	46.7	46.4	47.0	47.0	46.4	47.7	44.3	45.5	47.1	47.8	47.6
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.1	40.7	40.7	40.4	40.5	40.6	40.3	40.3	40.0	41.3	40.7	40.5	40.5
WHOLESALE TRADE	39.6	39.7	39.4	39.7	39.7	39.8	40.2	39.7	40.0	39.8	39.9	39.8	39.1
RETAIL TRADE	29.1	29.1	29.4	29.5	29.7	29.6	30.0	30.3	30.1	29.8	29.7	29.8	30.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for straight-time nonworking time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual, 1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [e]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-12-85 RS-7/90-3-1 (1984)

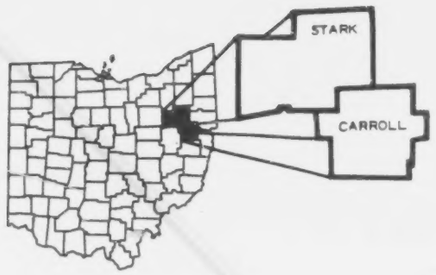
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$470.65	$470.61	$467.78	$467.39	$468.41	$465.04	$472.60	$463.51	$465.91	$465.91	$464.61	$479.57	$495.84
Durable Goods[b]	488.85	483.95	490.18	487.08	484.87	485.10	488.63	475.02	474.53	478.52	481.06	499.05	527.10
Fabricated metal products	593.60	620.57	610.83	603.40	599.80	602.99	606.15	549.12	549.54	551.24	562.17	596.24	670.10
Machinery, except electrical	421.64	408.41	408.11	409.73	411.71	414.85	422.22	434.74	421.07	425.70	420.08	428.12	446.00
Metalworking machinery	428.23	424.53	427.27	429.34	429.24	422.31	426.15	434.07	413.17	429.12	422.84	429.69	453.22
Nondurable Goods[c]	443.33	436.45	433.56	439.19	443.98	434.60	450.23	448.24	451.53	446.22	439.92	447.26	446.26
Food and kindred products	456.29	458.55	436.30	464.33	459.65	472.29	468.86	462.60	454.52	444.69	441.15	457 00	450.11
Chemicals and allied products	451.26	454.11	459.89	473.70	453.47	439.01	458.64	464.61	447.20	451.52	437.38	446.84	428.67
Rubber and misc. plastics products	472.50	461.12	462.44	468.52	481.05	465.84	484.65	474.56	488.70	476.52	469.45	474.01	470.91
Tires and inner tubes	639.83	614.46	624.38	618.38	630.59	626.51	657.76	651.58	673.93	661.06	636.32	645.78	632.01
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	503.46	493.39	493.80	494.50	496.53	492.88	501.03	497.34	510.82	522.45	509.16	513.67	506.28
WHOLESALE TRADE	317.96	301.47	309.29	311.66	319.59	321.58	322.81	319.38	329.20	320.26	317.81	319.09	324.53
RETAIL TRADE[d]	177.61	172.57	174.34	176.42	177.01	176.12	177.30	178.47	180.00	178.20	179.09	178.50	180.49

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full-and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone,clay,glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes totacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and putlishing; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 BS-790-2-1 (1984)

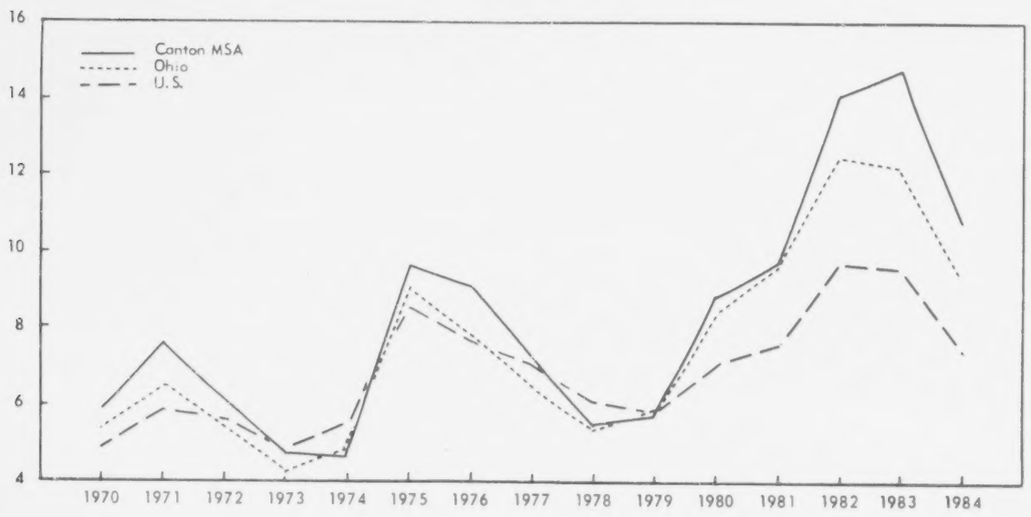
CANTON METROPOLITAN STATISTICAL AREA



The estimated annual average civilian labor force in the Canton area, based on place of residence, decreased 3,000 from 1983 to 184,000 in 1984. Employment rose 4,700 over the year, but unemployment dropped 7,600 to a 1984 total of 19,900. The unemployment rate declined from 14.7 percent in 1983 to 10.8 percent in 1984 (see table, page 33).

Nonfarm wage and salary employment increased 3.7 percent in the Canton metropolitan area between 1983 and 1984, up from 143,400 to 148,700. Primary metals and retail trade were the biggest gainers over the year. During the recent economic downturns, from 1979 to 1983, durable-goods industries in Canton, especially primary metals and fabricated metal products, had the sharpest declines (see table, bottom of page 33). Employment also dropped significantly in transportation and public utilities, retail trade, and rubber and miscellaneous plastics products. At the end of 1984, just 30.5 percent of nonfarm jobs lost between 1979 and 1983 had been recovered.

CANTON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES
CANTON METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b] Canton	Ohio	U.S.
1970	162.7	153.1	9.6	5.9	5.4	4.9
1971	164.9	152.3	12.6	7.6	6.5	5.9
1972	165.6	155.3	10.3	6.2	5.5	5.6
1973	171.2	163.1	8.1	4.7	4.3	4.9
1974	175.6	167.5	8.1	4.6	4.8	5.6
1975	174.7	158.0	16.7	9.6	9.1	8.5
1976	174.7	158.8	15.8	9.1	7.8	7.7
1977	175.9	163.1	12.8	7.3	6.5	7.1
1978	179.9	170.0	9.9	5.5	5.4	6.1
1979	184.3	173.7	10.6	5.7	5.9	5.8
1980	187.7	170.9	16.8	8.9	8.4	7.1
1981	188.4	170.1	18.2	9.7	9.6	7.6
1982	191.4	164.3	27.0	14.1	12.5	9.7
1983	187.0	159.5	27.5	14.7	12.2	9.6
1984	184.0	164.2	19.9	10.8	9.4	7.5

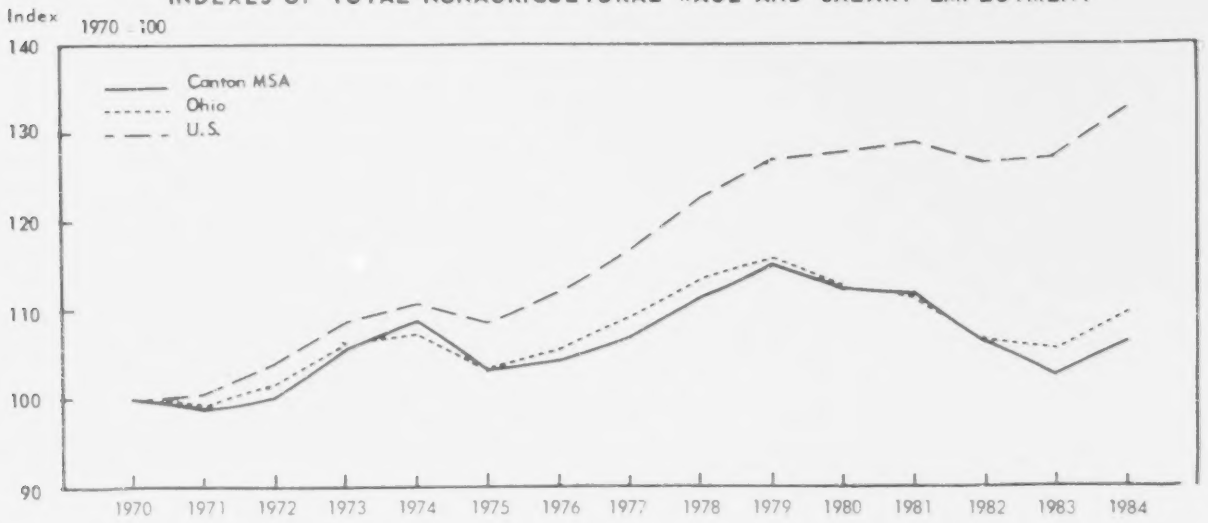
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE CANTON METROPOLITAN STATISTICAL AREA
1979, 1983, and 1984

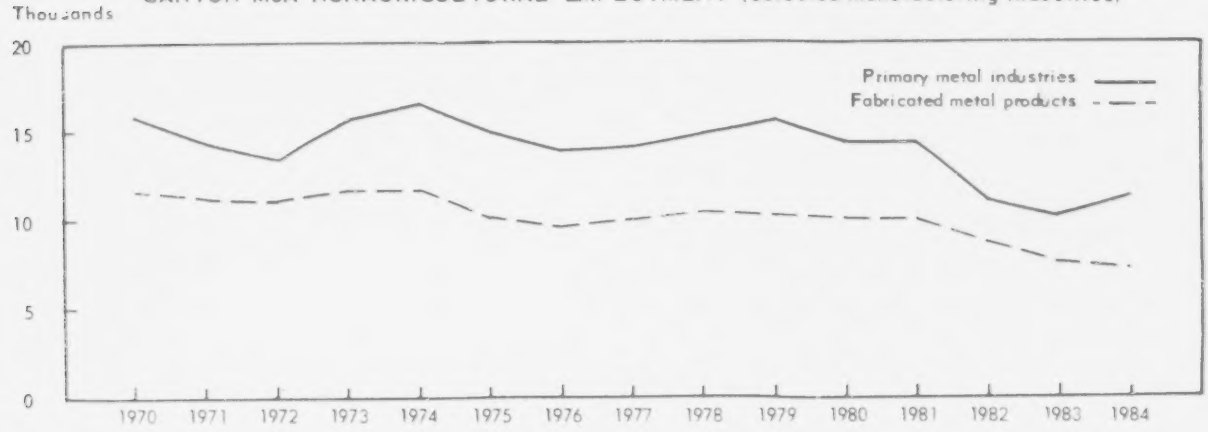
Industry	Employment (in thousands) 1979	1983	1984	Employment Change 1979–1983	1983–1984	Percent Recovery Canton	U.S.
TOTAL	160.8	149.4	148.7	- 11.4	5.3	30.5	91.0
MANUFACTURING	59.1	49.5	49.2	- 15.0	2.7	17.9	78.7
Durable Goods	46.4	38.0	38.0	- 8.4	2.0	14.2	69.0
Primary metal industries	18.7	12.0	12.4	- 6.6	4.5	20.0	71.1
Fabricated metal products	7.4	5.8	5.9	- 1.6	.2	-	86.4
Nondurable Goods	12.7	11.5	11.3	- 3.1	.5	26.1	88.4
Food and kindred products	4.4	3.9	3.9	- .7	.1	28.6	-
Rubber and misc. plastics products	3.7	2.9	2.8	- 1.0	.3	9.1	96.1
CONSTRUCTION	5.4	4.3	5.0	- 1.1	.7	33.3	9.2
TRANSPORTATION AND PUBLIC UTILITIES	7.9	5.1	5.0	- 2.8	.9	11.3	41.4
WHOLESALE TRADE	7.2	6.7	6.7	- .5	.5	+	79.1
RETAIL TRADE	27.1	26.1	27.9	- 1.0	1.8	100.0	46.2
FINANCE, INSURANCE, AND REAL ESTATE	5.7	5.9	6.0	.2	.1	+	+
SERVICES	28.3	29.4	31.0	1.1	1.6	+	+
GOVERNMENT	19.3	19.7	17.0	+ .4	- 2.7	-	-
Local government	15.1	15.6	14.1	+ .5	- 1.5	+	-

+ No downturn, 1979–1983
- No upturn, 1983–1984

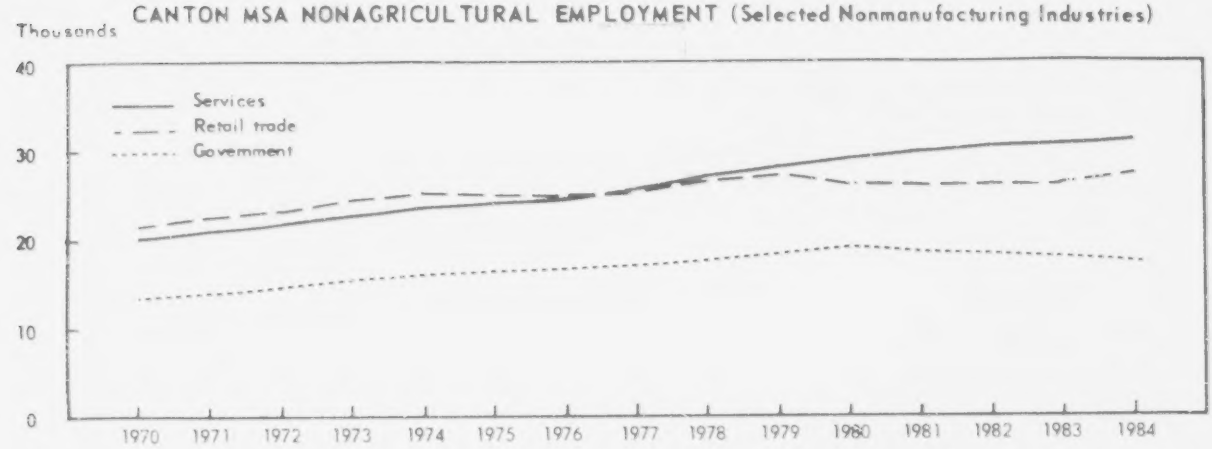
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

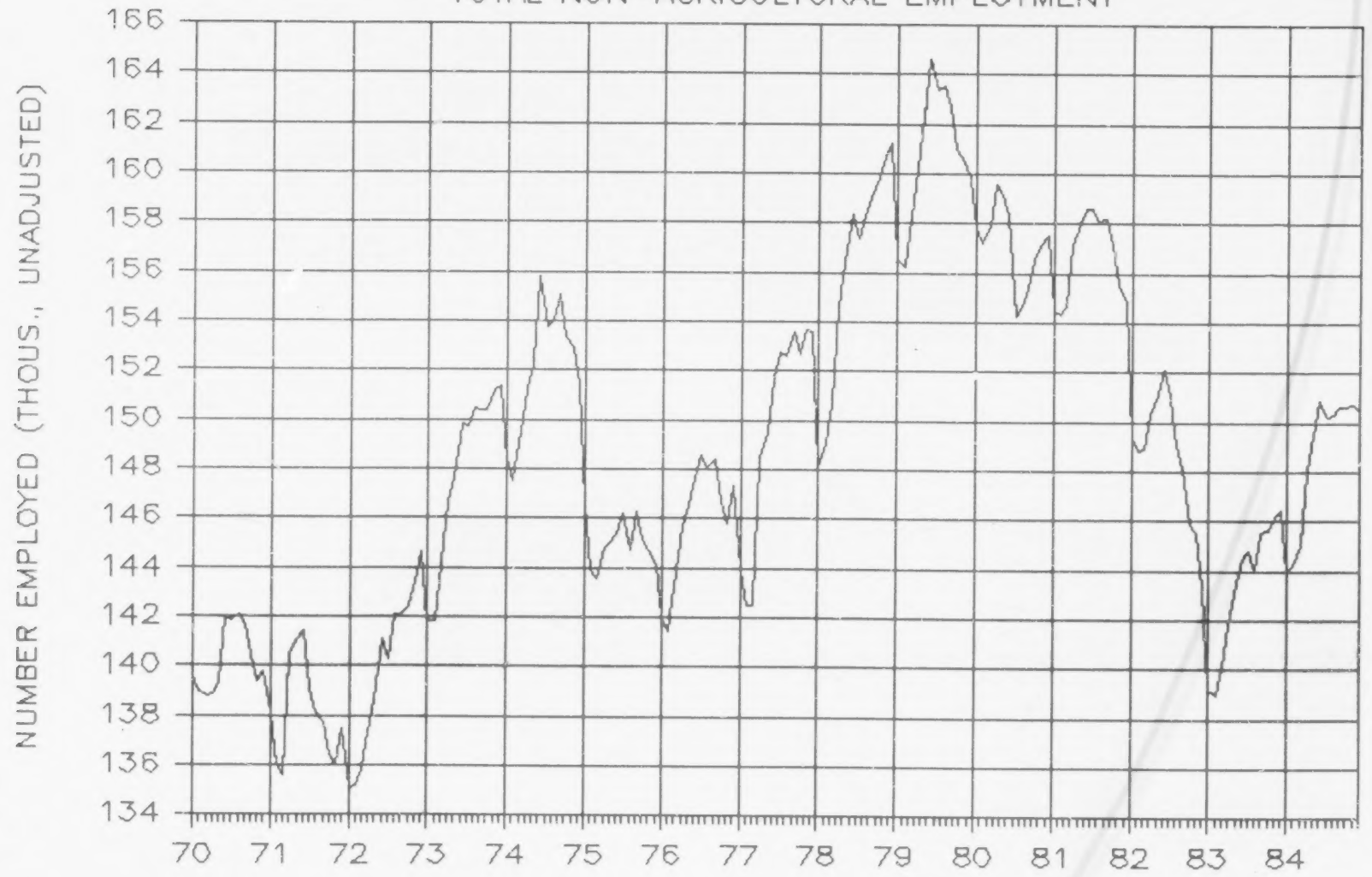


CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



CANTON MSA

TOTAL NON—AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	146.7	143.1	144.3	145.0	146.0	148.5	150.9	150.2	150.3	150.6	150.6	150.7	150.5
MANUFACTURING	46.2	44.7	44.8	45.8	46.0	46.1	46.7	46.7	47.0	46.7	46.7	46.8	46.5
Durable Goods[b]	35.0	33.8	34.1	34.8	34.8	34.9	35.2	35.3	35.5	35.3	35.4	35.4	35.1
Primary metal industries	11.4	10.3	11.2	11.4	11.4	11.4	11.6	11.8	11.8	11.4	11.5	11.2	10.8
Fabricated metal products	7.4	7.3	7.0	7.1	7.0	7.1	7.3	7.2	7.4	7.4	7.5	7.6	7.6
Metal forgings and stampings	2.9	2.6	2.5	2.6	2.6	2.8	2.8	2.8	2.9	2.9	3.1	3.1	3.1
Nondurable Goods[c]	11.2	10.9	10.7	11.0	11.1	11.2	11.5	11.4	11.5	11.4	11.3	11.4	11.4
Food and kindred products	3.7	3.8	3.7	3.8	3.8	3.8	4.0	4.0	4.1	4.0	3.9	3.9	3.9
Rubber and misc. plastics products	2.8	2.7	2.7	2.8	2.8	3.0	2.9	2.8	2.9	2.8	2.8	2.8	2.8
NONMANUFACTURING[d]	100.5	98.2	99.4	99.3	102.1	103.4	104.2	103.5	103.4	103.9	103.9	104.0	104.0
CONSTRUCTION	5.0	3.8	3.8	3.8	4.4	4.4	5.4	5.7	5.8	5.9	6.0	5.7	5.3
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1
Communication, electric, gas services	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8
WHOLESALE TRADE	7.7	7.3	7.4	7.4	7.6	7.7	7.8	7.7	7.7	7.8	7.9	7.9	7.9
Wholesale trade durable goods	4.4	4.1	4.1	4.2	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
RETAIL TRADE	27.3	26.3	25.7	26.0	27.2	27.6	27.6	27.7	27.7	27.9	27.5	27.7	28.1
General Merchandise Stores	3.8	3.9	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.8	3.8	4.0	4.2
Food Stores	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.5	4.4	4.4	4.5	4.5	4.5
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4
Banking	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
SERVICES	31.3	31.3	31.2	31.5	31.2	31.5	31.7	31.9	31.8	31.7	31.3	31.4	31.3
Health Services	13.6	13.6	13.6	13.5	13.6	13.6	13.6	13.6	13.5	13.5	13.6	13.7	13.6
GOVERNMENT	17.5	17.8	18.1	17.9	18.0	17.9	17.6	16.7	16.5	16.8	17.4	17.6	17.7
State government	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.6	1.7
Local government	14.7	15.0	15.3	15.1	15.1	15.1	14.8	13.9	13.8	14.0	14.6	14.7	14.8
Local government education	8.4	8.8	9.1	8.9	8.9	8.9	8.5	7.6	7.5	7.8	8.3	8.4	8.5
Local government, except education	6.3	6.3	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1984 benchmark. Includes full- and part-time employed wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-85 RS-790-1-2 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1983[A]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	143.4	139.2	139.0	140.1	141.8	143.5	144.5	144.8	144.0	145.5	145.6	146.2	146.5
MANUFACTURING	43.5	41.8	42.2	42.4	42.5	43.3	44.3	44.3	44.3	44.3	44.1	44.3	44.8
Durable Goods[B]	33.0	31.5	31.8	32.1	32.3	33.0	33.7	33.6	33.6	33.6	33.3	33.5	33.9
Primary metal industries	10.2	9.0	9.2	9.6	9.9	10.2	10.6	10.7	10.6	10.4	10.6	10.7	10.9
Fabricated metal products	7.6	7.4	7.5	7.4	7.4	7.5	7.7	7.6	7.6	7.7	7.6	7.7	7.7
Metal forgings and stampings	2.3	1.9	2.1	2.1	2.2	2.2	2.3	2.2	2.4	2.5	2.5	2.6	2.7
Nondurable Goods[C]	10.6	10.3	10.4	10.4	10.2	10.3	10.6	10.7	10.7	10.7	10.8	10.8	10.9
Food and kindred products	3.7	3.8	3.8	3.8	3.6	3.6	3.8	3.8	3.7	3.6	3.7	3.7	3.8
Rubber and misc. plastics products	2.5	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.7	2.7
NONMANUFACTURING[D]	99.9	97.4	96.8	97.7	99.3	100.2	100.1	100.5	99.8	101.2	101.6	101.9	101.7
CONSTRUCTION	4.3	3.4	3.0	3.3	3.7	4.0	4.3	5.3	4.9	5.0	5.0	4.9	4.5
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.8	5.9	6.0	5.9	6.0	6.0	5.6	6.1	6.1	6.1	6.1
Communication, electric, gas services	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4*	2.9	2.9	2.9	2.8
WHOLESALE TRADE	7.2	7.1	7.0	7.1	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Wholesale trade-durable goods	4.0	3.8	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1
RETAIL TRADE	26.1	25.0	24.6	24.7	25.5	26.0	26.3	26.4	26.8	26.8	26.6	27.2	27.6
General merchandise stores	3.5	3.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.5	4.0	4.3
Food stores	4.4	4.2	4.2	4.2	4.2	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6
FINANCE, INSURANCE, AND REAL ESTATE	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3
Banking	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
SERVICES	30.7	29.9	30.2	30.6	31.0	31.0	31.0	30.9	30.7	30.9	30.9	30.7	30.4
Health services	13.4	13.2	13.2	13.3	13.4	13.4	13.5	13.5	13.6	13.5	13.6	13.6	13.6
GOVERNMENT	18.0	18.5	18.6	18.6	18.4	18.4	17.6	17.0	17.0	17.7	18.2	18.2	18.2
State government (includes education)	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Local government	15.2	15.6	15.8	15.8	15.5	15.5	14.8	14.1	14.2	14.9	15.3	15.4	15.3
Local government education	9.0	9.4	9.6	9.6	9.4	9.3	8.6	7.9	7.9	8.7	9.2	9.2	9.1
Local government, except education	6.2	6.2	6.2	6.1	6.1	6.2	6.2	6.3	6.3	6.1	6.2	6.1	6.2

[A]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [B]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [C]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [D]Includes mining. *Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-30-85 RS-790-1-2 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	140.2	139.1	149.8	147.4	150.1	145.0	146.9	149.8	156.1	160.8	157.1	156.6	148.6
MANUFACTURING	60.4	56.6	57.4	61.7	60.2	55.3	54.8	56.0	57.1	59.1	55.7	54.8	47.6
Durable goods[b]	44.6	41.8	44.7	48.5	48.6	44.4	42.8	43.8	44.6	46.4	43.6	43.0	36.8
Primary metal industries	15.8	14.1	13.9	15.7	16.6	14.4	13.9	14.2	14.9	15.6	14.3	14.3	11.1
Fabricated metal products	11.6	11.2	11.1	11.6	11.6	10.1	9.7	10.0	10.4	10.2	10.0	10.0	8.7
Metal furnitus and stampings	2.8	2.7	2.8	2.9	2.8	3.1	3.4	3.5	3.9	3.7	3.0	3.0	2.4
Nondurable goods[c]	15.8	14.8	12.7	13.3	12.7	11.6	12.0	12.2	12.5	12.7	12.1	11.8	10.8
Food and kindred products	4.6	4.8	4.7	4.3	4.1	4.0	4.2	4.2	4.4	4.4	4.4	4.2	4.0
Rubber and misc. plastics products	3.4	3.5	3.5	4.1	3.7	2.8	3.2	3.3	3.5	3.5	3.0	2.9	2.4
NONMANUFACTURING[d]	77.8	74.5	82.4	86.2	89.9	89.7	91.2	93.8	99.0	101.7	101.5	101.9	101.1
CONSTRUCTION	5.1	4.8	5.2	5.4	5.7	5.5	5.6	5.7	6.5	6.4	5.4	5.1	4.6
TRANSPORTATION AND PUBLIC UTILITIES	7.2	7.0	7.0	7.2	7.3	6.6	7.0	7.2	7.3	7.6	7.2	6.9	6.8
Communication, electric, gas services	3.5	3.4	3.3	3.3	3.4	3.2	3.0	2.9	3.1	3.0	3.0	3.0	3.1
WHOLESALE TRADE	5.2	5.0	5.0	5.3	5.7	5.3	6.1	6.4	6.3	7.2	7.2	7.5	7.5
RETAIL TRADE	21.4	20.6	21.3	24.4	25.4	25.0	24.9	25.4	26.7	27.1	26.1	26.0	26.0
FINANCE, INSURANCE, AND REAL ESTATE	4.6	4.7	4.7	5.1	5.4	5.1	5.3	5.4	5.6	5.9	6.2	6.3	6.3
SERVICES	20.0	21.1	21.7	22.8	23.7	24.2	24.7	25.5	27.2	28.1	29.0	30.0	30.5
GOVERNMENT	14.5	14.0	14.8	15.8	16.0	16.6	16.8	17.2	17.7	18.3	19.2	18.7	18.3
Local government (includes education)	10.9	11.4	12.0	12.6	12.9	13.5	13.5	14.1	14.5	15.1	15.8	15.5	15.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43215 6-20-85 RS-790-0-2

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.83	$10.96	$10.82	$10.81	$10.82	$10.88	$10.92	$10.81	$10.76	$10.75	$10.79	$10.83	$10.82
Durable goods[b]	11.22	11.23	11.20	11.20	11.21	11.28	11.26	11.14	11.15	11.12	11.21	11.24	11.19
Primary metal industries	12.22	11.92	12.36	12.35	12.30	12.46	12.41	12.23	12.65	12.11	12.17	12.20	12.04
Fabricated metal products	12.36	12.44	12.57	12.62	12.48	12.57	12.50	11.81	12.30	12.00	12.28	12.28	12.20
Metal forming and stamping	14.37	14.47	14.40	14.49	14.70	14.86	14.72	13.72	14.62	14.01	14.53	14.83	14.37
Nondurable goods	9.62	9.69	9.55	9.56	9.61	9.71	9.59	9.64	9.57	9.56	9.60	9.64	9.68
Food and kindred products	9.81	9.89	9.81	9.87	10.04	10.35	9.90	9.80	9.66	9.69	9.76	9.76	9.76
Rubber and misc. plastics products	10.28	10.24	10.13	10.09	10.08	10.12	10.22	10.32	10.23	10.43	10.45	10.42	10.44
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	11.84	11.77	11.88	11.84	11.98	11.79	11.76	11.74	12.19	12.16	12.05	12.02	12.14
WHOLESALE TRADE	8.75	8.41	8.64	8.65	8.61	8.62	8.80	8.62	8.89	8.74	8.75	8.87	8.76
RETAIL TRADE[c]	5.40	5.40	5.40	5.39	5.41	5.39	5.40	5.41	5.38	5.41	5.42	5.42	5.35

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-23-85 IS-7M-4-2 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	40.4	40.2	40.8	40.7	40.4	40.5	40.2	40.4	39.8	40.8	40.3	40.6	39.9
Durable Goods[b]	40.4	40.1	41.0	40.6	40.5	40.7	40.2	40.6	39.9	40.9	40.3	40.3	39.6
Primary metal industries	39.9	39.5	40.6	41.2	41.0	40.7	40.3	41.0	39.3	40.9	38.8	39.3	36.6
Fabricated metal products	42.1	41.1	41.7	41.8	41.5	42.1	42.4	40.4	42.2	41.5	43.1	43.0	43.4
Metal forgings and stampings	44.4	43.6	44.8	44.9	44.6	45.1	45.3	41.6	45.4	43.4	45.1	45.1	43.8
Nondurable Goods[c]	40.3	40.5	40.4	40.8	40.1	40.0	40.2	39.8	39.5	40.5	40.4	41.2	40.7
Food and kindred products	39.5	37.8	38.6	41.2	39.2	38.9	39.1	39.6	37.8	39.6	39.7	41.5	41.4
Rubber and misc. plastics products	44.5	45.7	45.4	44.6	44.2	44.2	43.2	43.6	43.5	44.5	44.8	45.1	44.7
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	41.0	41.2	40.3	41.0	40.9	40.8	40.8	41.6	41.8	41.6	40.6	40.6	41.3
WHOLESALE TRADE	36.5	37.0	36.9	36.2	36.2	36.7	36.3	37.2	36.7	36.2	36.8	36.0	36.0
RETAIL TRADE	29.5	29.1	29.1	29.1	29.3	29.7	29.9	30.0	29.8	29.5	29.2	29.2	30.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [e]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-15-85 RS-790-3-2 (1984)

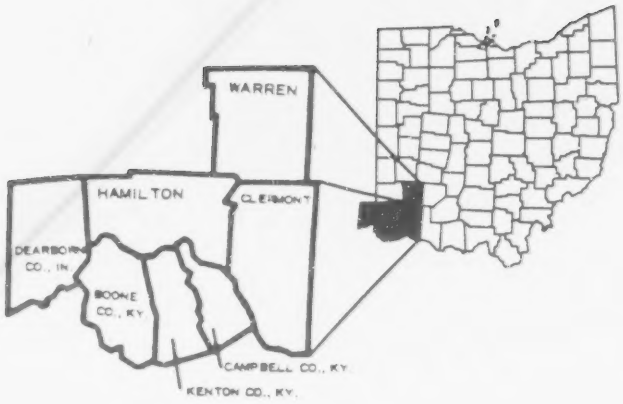
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$437.53	$436.57	$441.46	$439.97	$437.13	$444.69	$438.98	$436.72	$428.25	$438.60	$434.84	$439.70	$431.72
Durable Goods[b]	453.29	450.32	459.20	454.72	454.01	463.17	456.67	454.31	444.89	454.81	451.76	452.97	443.12
Primary metal industries	487.58	470.84	501.82	508.82	504.30	507.12	500.12	501.43	473.57	495.30	472.20	479.46	442.49
Fabricated metal products	520.36	514.50	529.17	527.52	522.91	529.20	530.00	477.12	519.06	498.00	529.27	528.04	529.48
Metal forgings and stampings	640.40	640.79	667.52	668.56	655.62	669.74	666.82	570.75	663.75	608.03	655.30	668.83	629.41
Nondurable Goods[c]	391.69	390.45	388.82	390.05	388.36	388.40	389.52	383.67	378.62	387.99	387.84	397.17	393.98
Food and kindred products	371.49	373.84	379.67	406.64	398.53	402.62	387.09	392.04	370.44	394.42	390.25	405.04	404.06
Rubber and misc. plastics products	466.57	467.47	459.30	450.01	444.65	447.30	441.50	449.95	445.01	464.14	468.16	469.94	466.67
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	487.49	484.92	478.76	477.24	473.62	478.58	479.81	490.46	507.03	505.86	489.23	488.0.	503.45
WHOLESALE TRADE	319.38	313.39	318.82	313.13	311.68	316.39	326.70	331.82	326.26	316.39	322.00	319.38	315.36
RETAIL TRADE[d]	159.30	157.14	157.14	156.89	158.51	160.08	161.46	162.30	160.32	159.60	158.26	158.26	162.64

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-9-85 RS-790-2-2 (1984)

CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



In the Cincinnati Primary Metropolitan Statistical Area, the estimated annual average civilian labor force, based on place of residence, rose 5,100 from 1983 to 692,700 in 1984. Employment increased 20,100 over the year, while unemployment dropped 14,900 to a 1984 total of 57,500. The unemployment rate declined from 10.5 percent in 1983 to 8.3 percent in 1984 (see table, top of page 43).

By 1984, 70.9 percent of nonagricultural wage and salary jobs lost between 1979 and 1983 had been regained. Total nonfarm employment rose 3.9 percent from 575,400 in 1983 to 598,100 in 1984 (see table, bottom of page 43). Increases in services, retail trade, and nonelectrical machinery contributed most to the overall improvement. The Cincinnati industries hardest hit by the economic downturns between 1979 and 1983 were nonelectrical machinery (especially metalworking machinery), construction, fabricated metal products, and food and kindred products. Some manufacturing industries continued to lose employment during 1984, notably fabricated metal products, food and kindred products, and chemicals.

CINCINNATI MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)

CIVILIAN LABOR FORCE ESTIMATES

CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Cincinnati	Ohio	U.S.
1970	543.8	518.8	25.0	4.6	5.4	4.9
1971	550.0	516.0	34.0	6.2	6.5	5.9
1972	561.0	529.0	32.0	5.7	5.5	5.6
1973	572.0	543.0	29.0	5.1	4.9	4.9
1974	585.3	560.0	25.5	4.3	4.8	5.6
1975	595.3	551.6	43.6	7.4	7.1	8.5
1976	604.8	566.6	38.2	6.3	7.8	7.7
1977	623.4	588.7	34.7	5.6	6.5	7.1
1978	648.3	615.8	32.5	5.0	5.4	6.1
1979	663.4	628.1	35.3	5.3	6.3	5.8
1980	676.2	628.4	47.9	7.0	8.4	7.1
1981	678.9	613.3	59.-	8.7	9.6	7.6
1982	682.0	610.4	71.6	10.5	12.8	9.7
1983	687.0	615.0	72.4	10.5	12.2	9.6
1984	702.7	635.4	67.3	9.3	9.4	7.5

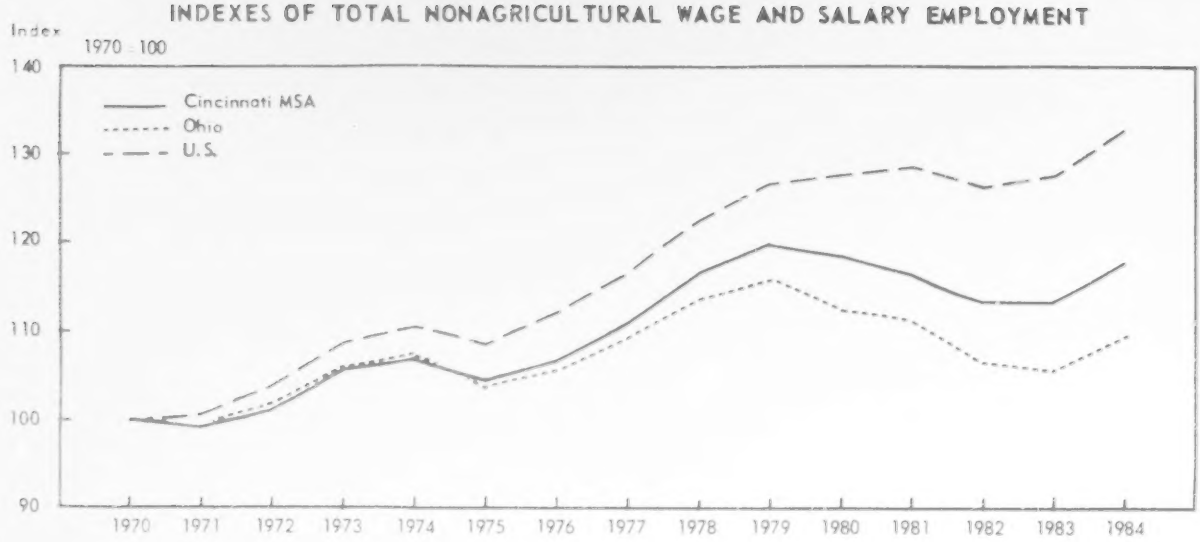
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA
1979, 1983, AND 1984

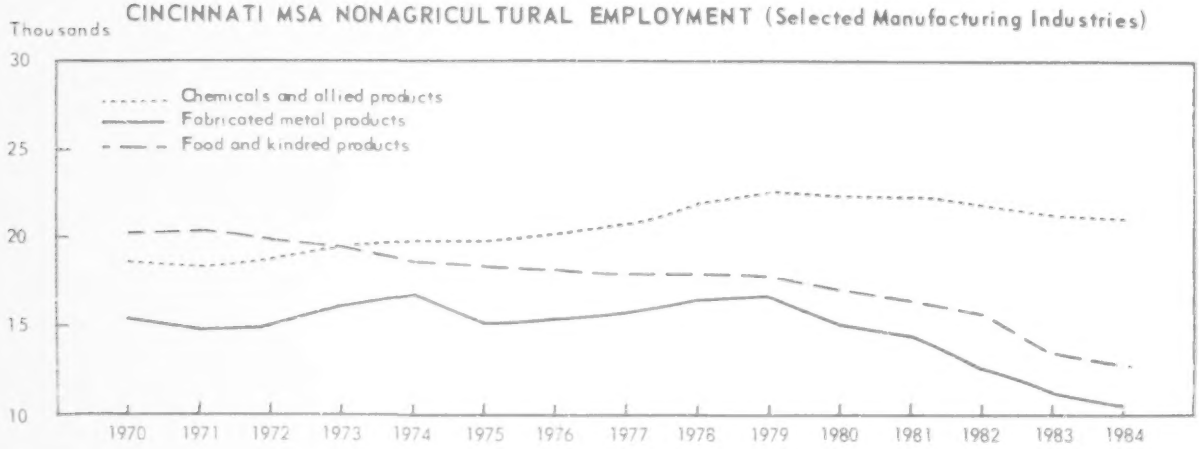
Industry	Employment (in thousands)			Employment Change		Percent Persons Commuting	
	1979	1983	1984	1983-1984	1979-1984	Cincinnati	U.S.
TOTAL	660.4	636.4	686.1	7.8	3.9	74.1	91.0
MANUFACTURING	178.1	144.9	164.0	5.0	-8.0	10.7	19.1
Durable Goods	98.1	71.6	80.3	8.6	-17.7	8.0	12.0
Fabricated metal products	20.1	16.5	17.9	8.5	-10.9	-	-
Machinery, except electrical	26.1	17.4	19.0	9.2	-27.2	-	-
Metalworking machinery	10.1	6.6	7.3	10.6	-27.7	-	-
Electric and electronic equipment	7.8	5.1	6.1	19.6	-21.8	9.1	14.0
Transportation equipment	25.8	14.1	17.0	20.6	-34.1	48.1	34.0
Motor vehicles and equipment	10.1	5.1	7.1	39.2	-29.7	30.1	30.1
Nondurable Goods	80.0	73.4	83.7	4.1	4.6	13.4	26.4
Food and kindred products	15.8	13.8	15.1	9.4	-4.4	-	-
Printing and publishing	19.1	17.7	18.1	2.3	-5.2	96.1	74.0
Chemicals and allied products	10.1	9.2	10.1	9.7	-	-	-
CONSTRUCTION	33.8	30.8	31.8	3.2	-5.9	96.1	96.1
TRANSPORTATION AND PUBLIC UTILITIES	34.-	30.6	31.-	1.3	-8.8	73.1	93.1
Communication, electric, gas services	15.1	14.1	14.6	3.5	-3.3	44.-	44.-
WHOLESALE TRADE	31.-	30.1	31.0	3.0	-1.7	89.1	89.1
RETAIL TRADE	81.-	80.-	83.3	4.1	2.1	94.-	94.-
FINANCE, INSURANCE, AND REAL ESTATE	30.1	31.1	34.-	9.6	13.3	94.-	94.-
SERVICES	81.4	83.1	91.8	10.5	12.8	94.-	94.-
GOVERNMENT	85.8	84.-	87.1	3.6	1.5	94.-	94.-
Federal government	19.9	18.4	18.1	-1.6	-9.7	33.9	41.-
State government	17.8	17.8	17.9	.6	.6	94.-	94.-
Local government	48.1	48.-	51.-	6.3	6.1	94.-	94.-

+ No change, 1979-1983
- No change, 1983-1984

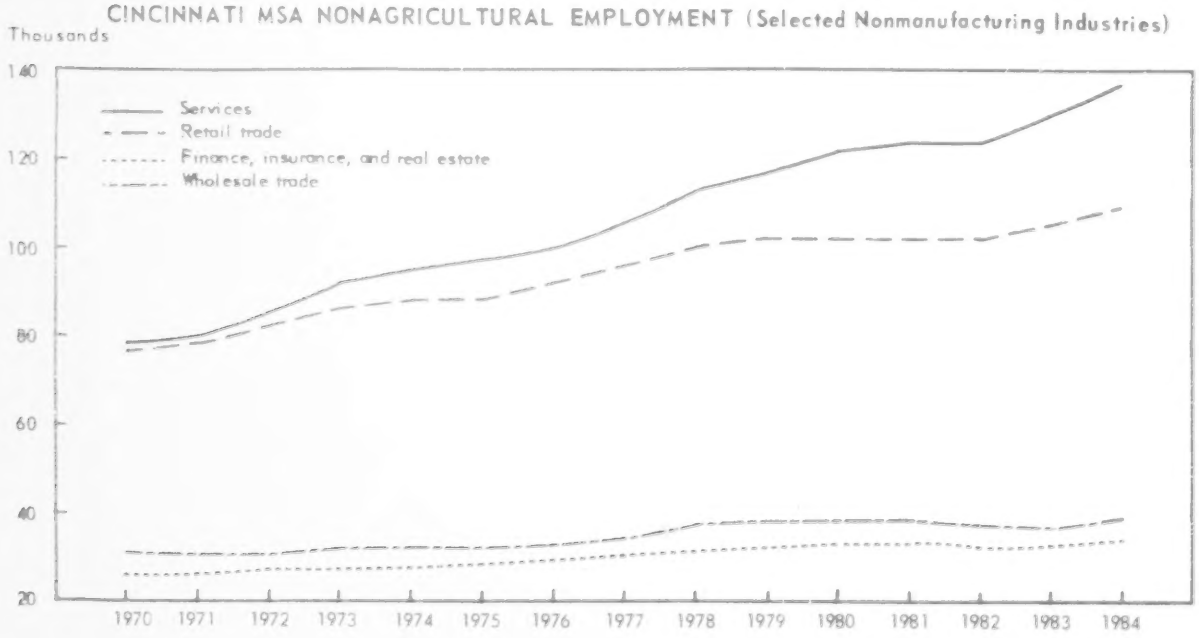
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

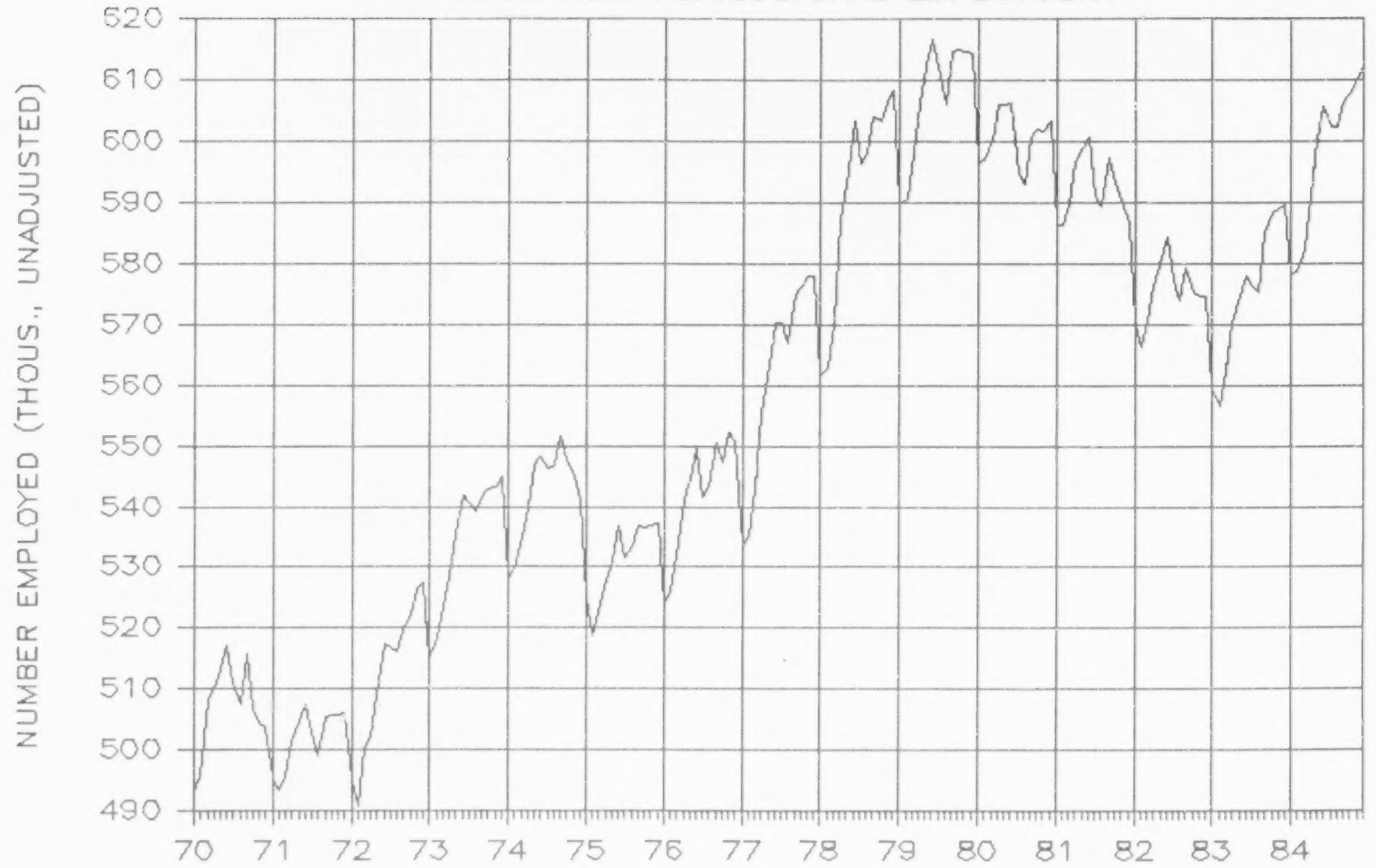


CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



CINCINNATI PMSA

TOTAL NON-AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	598.1	578.4	579.6	582.3	591.1	600.1	605.6	602.4	602.4	606.3	607.8	609.9	612.5
MANUFACTURING	144.6	140.3	140.3	142.9	143.8	144.8	145.9	145.5	145.9	143.6	146.1	146.1	146.0
Durable Goods[b]	79.6	76.7	76.9	79.8	80.3	80.9	81.4	81.4	81.6	79.0	81.6	81.7	81.4
Fabricated metal products	10.4	11.0	11.1	11.1	11.0	10.9	10.9	10.8	10.9	10.4[e]	10.5[e]	9.5[e]	9.4[e]
Fabricated structural metal products	3.8	3.9	3.9	3.9	3.8	3.7	3.7	3.6	3.7	3.8	3.7	3.8	3.8
Machinery, except electrical	21.4	20.6	21.0	21.2	21.2	21.5	21.6	21.7	21.6	21.7	21.4	21.6	21.7
Metalworking machinery	9.8	9.5	9.4	9.7	9.7	9.8	9.8	9.9	9.8	10.0	10.0	10.1	10.0
General industrial machinery	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.3	3.0	3.1	3.2
Electric and electronic equipment	8.5	8.3	8.4	8.3	8.3	8.5	8.5	8.5	8.6	8.5	8.5	8.5	8.5
Transportation equipment	25.3	25.4	25.3	25.3	25.4	25.5	25.6	25.6	25.6	23.1	26.0	26.5	26.8
Motor vehicles and equipment	10.0	10.5	10.3	10.3	10.3	10.3	10.2	10.1	10.3	7.7	10.0	10.2	10.3
Nondurable Goods[c]	64.0	63.1	63.7	63.1	63.5	63.9	64.5	64.1	64.3	64.6	64.5	64.8	64.6
Food and kindred products	12.9	12.8	12.7	12.7	12.7	12.7	13.1	12.9	13.0	13.0	12.9	13.2	13.1
Beverages	4.1	4.0	4.0	4.0	4.0	4.0	4.2	4.0	4.2	4.2	4.1	4.1	4.1
Apparel and other textile products	3.9	3.8	3.7	3.8	4.0	4.0	4.0	3.9	3.9	3.9	4.0	4.0	3.9
Paper and allied products	5.9	5.9	5.8	5.8	5.8	5.9	6.0	5.7	5.9	5.9	6.0	5.9	5.9
Printing and publishing	12.1	11.9	11.7	12.0	12.1	12.2	12.2	12.2	12.0	12.1	12.1	12.1	12.1
Commercial printing	5.1	5.0	5.0	5.1	5.2	5.2	5.2	5.1	4.9	5.2	5.2	5.4	5.3
Chemicals and allied products	21.0	20.9	20.8	20.8	20.8	20.9	21.0	21.1	21.0	21.1	21.1	21.0	21.1
Rubber and misc. plastics products	5.1	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4
NONMANUFACTURING[d]	453.5	438.1	439.3	439.4	447.3	455.3	459.7	456.9	456.5	462.7	461.7	463.8	466.5
CONSTRUCTION	21.5	17.1	18.4	19.1	20.2	21.6	22.8	23.5	23.9	23.3	22.5	22.2	21.4
TRANSPORTATION AND PUBLIC UTILITIES	32.1	31.4	31.4	31.5	31.9	32.1	32.5	32.4	32.4	32.5	32.4	32.2	32.1
Trucking and warehousing	9.2	8.8	8.9	9.0	9.2	9.1	9.3	9.2	9.3	9.4	9.4	9.4	9.4
Communication, electric, gas services	14.5	14.3	14.5	14.5	14.4	14.4	14.5	14.5	14.5	14.5	14.4	14.4	14.4
WHOLESALE TRADE	33.2	33.1	33.1	33.4	33.4	33.2	33.5	33.5	33.4	33.6	33.7	33.8	33.8
Wholesale trade durable goods	22.9	22.7	22.4	22.5	22.8	22.9	23.1	23.2	23.1	23.2	23.2	23.4	23.5
RETAIL TRADE	109.3	105.6	104.4	104.9	106.1	109.8	110.3	109.9	109.8	110.9	110.6	112.3	114.8
General merchandise stores	19.1	17.5	18.6	18.6	18.4	18.3	18.4	18.4	18.4	18.7	19.3	20.3	21.7
FINANCE, INSURANCE, AND REAL ESTATE	34.2	33.8	33.9	33.7	33.2	33.4	34.0	34.9	34.8	35.2	35.3	35.4	35.5
Banking	7.4	7.4	7.3	7.3	7.3	7.3	7.4	7.5	7.5	7.5	7.5	7.6	7.6
Insurance carriers	10.9	10.8	10.8	10.7	10.7	10.8	10.9	11.0	11.0	11.0	11.0	11.1	11.1
SERVICES	134.3	129.1	129.6	131.2	134.1	137.9	140.5	141.3	141.6	142.3	139.6	139.3	140.6
Hotels and other lodging places	6.1	5.8	5.8	5.9	6.0	6.1	6.2	6.2	6.5	6.4	6.4	6.1	6.1
Personal services	6.8	6.8	6.7	6.8	6.9	6.7	6.9	6.7	6.8	6.8	6.8	6.8	6.8
Business services	27.7	25.8	25.9	26.5	26.7	27.5	27.9	28.2	28.5	28.5	28.7	28.7	29.0
Amusement and recreation services	6.4	4.4	4.7	5.0	6.2	8.5	8.4	9.3	9.6	8.8	5.2	5.2	6.5
Health services	45.6	44.3	44.4	44.6	44.7	45.1	46.2	46.1	46.3	46.2	46.5	46.5	46.5
GOVERNMENT	79.6	79.4	80.8	80.8	80.5	81.1	79.7	79.1	74.3	78.5	81.3	80.2	81.6
Federal government	12.7	12.3	12.7	12.7	12.7	12.7	12.8	12.7	12.7	12.7	12.7	12.8	12.7
State government	18.0	18.0	18.4	18.3	18.4	18.4	18.5	16.6	16.6	17.2	18.5	18.5	18.5
State government education	10.9	11.0	11.3	11.2	11.2	11.2	9.2	9.4	9.9	11.3	11.2	11.2	11.2
State government, except education	7.2	7.0	7.2	7.1	7.1	7.1	7.3	7.4	7.3	7.3	7.2	7.2	7.3
Local government	49.	49.	49.7	49.8	49.4	50.1	48.4	45.8	44.9	48.6	50.1	51.3	50.4
Local government education	27.5	28.1	28.8	28.7	28.2	28.7	26.3	23.4	23.0	27.1	28.7	29.1	29.6
Local government, except education	21.4	21.1	21.9	21.1	21.2	21.3	22.1	22.4	21.9	21.5	21.4	21.3	20.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 4/16 4-12-85 HS-7(Table-1) (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	579.4[b]	559.5	556.7	562.4	570.3	574.6	577.8	576.7	575.6	585.2	588.7	589.3	590.2
MANUFACTURING	140.4	138.7	137.3	138.1	139.4	139.7	140.2	140.0	142.0	140.8	143.8	144.1	141.8
Durable Goods[c]	77.0	75.8	74.4	75.1	75.8	75.6	76.6	77.1	78.6	77.1	80.0	80.1	77.9
Fabricated metal products	11.5	11.4	11.2	11.6	11.7	11.5	11.4	11.3	11.4	11.5	11.4	11.4	11.1
Fabricated structural metal products	3.8	3.7	3.6	3.7	3.8	3.7	3.8	3.8	4.0	4.0	3.9	3.9	3.9
Machinery, except electrical	19.4	19.4	18.8	19.8	18.9	18.7	18.9	19.3	19.6	19.8	19.8	20.1	20.5
Metalworking machinery	8.6	8.1	8.2	8.1	8.3	8.1	8.3	8.6	8.7	8.9	9.0	9.1	9.4
General industrial machinery	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.4
Electric and electronic equipment	8.1	7.9	7.8	7.9	8.0	8.0	8.1	8.2	8.1	8.2	8.2	8.3	8.3
Transportation equipment	24.0	23.6	23.3	23.5	23.7	23.8	24.3	24.3	25.0	22.6	25.6	25.6	23.0
Motor vehicles and equipment	9.2	8.9	8.8	9.0	9.1	9.1	9.3	9.2	9.9	7.6	10.6	10.7	8.1
Nondurable Goods[d]	63.4	62.9	62.9	63.0	63.6	63.2	63.6	62.8	63.4	63.8	63.8	63.9	63.9
Food and kindred products	13.5	13.8	13.6	13.8	13.8	13.9	13.6	13.1[e]	13.4	13.5	13.5	13.4	13.3
Beverages	4.2	4.3	4.1	4.3	4.2	4.1	4.1	3.9	4.1	4.2	4.2	4.2	4.1
Apparel and other textile products	3.8	3.5	3.6	3.6	3.7	3.8	3.9	4.0	3.9	4.0	3.8	3.8	3.8
Paper and allied products	5.7	5.5	5.5	5.4	5.6	5.7	5.8	5.8	5.9	5.9	5.9	5.9	6.0
Printing and publishing	11.6	11.4	11.6	11.6	11.5	11.5	11.6	11.2[e]	11.3[e]	11.4	11.7	11.8	11.9
Commercial printing	4.8	4.7	4.8	4.8	4.8	4.8	4.8	4.3	4.4	4.6	5.0	5.1	5.1
Chemicals and allied products	21.2	21.4	21.3	21.2	21.3	21.2	21.2	21.2	21.2	21.2	21.2	21.1	21.2
Rubber and misc. plastics products	4.3	4.1	4.1	4.1	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6
NONMANUFACTURING	439.	420.	419.	424.	430.9	435.2	437.6	436.8	433.6	444.3	444.9	445.	448.4
CONSTRUCTION	20.4	16.8	16.6	17.9	18.2	19.8	20.4	21.8	22.3	22.7	23.4	22.9	22.0
TRANSPORTATION AND PUBLIC UTILITIES	31.4	30.9	31.0	31.1	31.4	31.6	31.9	32.0	28.6	32.4	32.4	32.0	32.0
Trucking and warehousing	8.9	8.6	8.7	8.7	8.7	8.7	8.9	9.0	9.1	9.3	9.3	9.2	9.2
Communication, electric, gas services	14.7	15.0	14.9	14.9	14.9	15.0	15.1	15.1	11.7[e]	15.1	14.9	14.8	14.9
WHOLESALE TRADE	36.5	35.4	35.4	35.5	35.8	36.1	36.5	36.9	36.8	37.0	37.2	37.6	37.7
Wholesale trade - durable goods	21.1	20.7	20.6	20.6	20.8	20.9	21.0	21.3	21.3	21.3	21.5	21.8	21.9
RETAIL TRADE	104.7	101.5	99.5	100.7	102.6	103.7	104.8	104.8	105.5	106.3	107.3	108.6	111.0
General merchandise stores	19.2	19.3	18.4	18.4	18.7	18.7	18.7	18.4	18.3	18.5	19.6	20.7	22.0
FINANCE, INSURANCE, AND REAL ESTATE	33.8	33.2	33.3	33.4	33.7	33.7	33.9	33.2	33.2	33.9	33.8	33.9	33.9
Banking	7.3	7.4	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.4
Insurance carriers	11.1	11.2	11.2	11.2	11.2	11.1	11.2	11.1	11.1	11.0	11.0	10.9	10.9
SERVICES	129.7	123.3	123.5	125.2	128.9	130.1	131.8	133.2	133.0	134.2	131.6	130.5	131.7
Hotels and other lodging places	5.5	4.9	4.8	5.0	5.2	5.5	5.6	5.8	5.8	5.8	5.8	5.9	5.8
Personal services	6.3	6.6	6.5	6.6	6.7	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5
Business services	24.6	20.5	22.6	22.9	23.6	24.0	24.2	25.5	25.5	26.2	26.1	26.1	26.4
Amusement and recreation services	5.3	5.0	4.8	5.1	7.2	7.7	8.3	9.4	9.2	8.6	5.9	4.7	5.9
Health services	44.2	43.2	43.0	43.3	43.8	44.0	44.3	45.0	45.1	45.0	44.5	44.4	44.5
GOVERNMENT	80.8	80.2	80.8	81.1	80.4	81.5	78.8	74.4	73.8	78.4	79.9	80.3	80.5
Federal government	13.4	13.3	13.0	13.6	13.6	13.6	13.5	13.4	13.2	13.0	12.0	12.1	12.3
State government	17.8	18.3	18.5	18.4	18.4	18.4	17.7	16.4	16.4	16.9	18.0	18.2	18.1
State government education	10.6	11.0	11.1	11.1	11.1	11.1	10.4	9.0	9.1	9.7	10.9	11.2	11.0
State government, except education	7.1	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.3	7.2	7.1	7.0	7.1
Local government	49.6	48.5	49.3	49.1	48.9	49.6	48.6	45.6	45.2	48.5	49.9	50.1	50.1
Local government education	27.4	26.2	26.8	26.6	26.5	26.9	26.5	23.2	23.0	27.1	28.3	28.4	28.8
Local government, except education	21.7	21.3	21.1	21.3	21.4	21.6	22.1	22.4	22.2	22.0	21.6	21.5	21.3

[a]Prepared in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestic, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other finished products made from fabrics and similar materials. [d]Includes mining. [e]Depressed due to labor-management disputes.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	507.3	502.0	512.0	534.6	542.2	531.2	541.9	562.1	591.2	607.4	600.7	592.2	575.3
MANUFACTURING	169.5	160.1	155.9	165.5	166.6	153.9	155.6	161.1	169.2	173.1	162.4	157.3	146.3
Durable Goods[b]	93.7	88.2	83.0	91.7	93.7	84.3	84.3	89.2	95.1	98.7	90.5	87.6	79.9
Fabricated metal products	15.4	14.9	15.0	16.1	16.6	15.1	15.4	15.6	16.5	16.7	15.1	14.5	12.7
Fabricated structural metal products	4.4	4.1	4.5	4.9	5.3	5.1	5.0	5.2	5.3	5.4	5.2	4.8	4.3
Machinery, except electrical	21.7	18.4	19.4	22.0	23.0	21.6	21.9	23.5	25.3	26.7	26.2	25.1	22.6
Metalworking machinery	12.0	9.3	9.8	11.0	11.6	10.9	10.5	11.1	11.9	12.9	13.5	13.1	10.9
General industrial machinery	2.3	2.5	2.9	3.2	3.4	3.6	4.0	4.4	4.7	4.8	4.1	3.6	3.7
Electric and electronic equipment	8.7	8.5	8.3	9.0	9.6	8.3	8.6	9.2	9.4	9.4	8.6	8.7	8.0
Transportation equipment	23.1	26.2	21.4	24.3	24.9	22.2	21.8	23.6	25.8	27.4	24.5	24.2	22.7
Motor vehicles and equipment	13.1	16.4	9.7	11.6	11.7	10.1	10.7	12.2	13.3	12.7	8.3	8.3	8.1
Nondurable Goods[c]	75.8	71.8	72.9	73.8	72.8	69.6	71.3	71.9	74.1	74.5	71.9	69.7	66.5	
Food and kindred products	20.[illegible]	20.3	19.6	19.5	18.6	18.3	18.2	18.0	18.0	17.9	17.0	16.6	15.7
Beverages	[illegible]	[illegible]	5.0	5.8	5.3	5.1	5.1	5.1	5.2	5.2	5.0	4.9	4.4
Apparel and other textile products	4.7	4.5	4.5	4.2	4.1	4.0	4.0	3.9	4.2	4.1	3.8	3.8	3.8
Paper and allied products	6.7	6.6	6.5	6.6	6.5	6.0	6.3	6.2	6.5	6.7	6.6	6.5	6.0
Printing and publishing	14.1	13.7	13.4	13.9	13.8	13.0	13.1	12.7	13.0	13.0	12.6	11.9	11.6
Chemicals and allied products	10.9	10.4	10.8	10.5	10.8	10.7	20.2	20.3	21.3	22.5	22.3	22.3	21.9
Rubber and misc. plastics products	5.4	4.9	4.8	5.2	4.9	4.0	4.6	5.0	5.3	5.1	4.7	4.4	4.2
NONMANUFACTURING[d]	337.8	341.9	356.1	369.1	375.7	377.3	386.3	401.0	421.9	434.3	438.2	434.9	429.0
CONSTRUCTION	20.1	21.0	24.2	25.3	24.3	22.2	22.4	24.1	25.9	27.4	25.3	22.2	20.4
TRANSPORTATION AND PUBLIC UTILITIES	36.4	34.9	34.3	34.0	33.4	31.5	30.8	31.5	32.8	34.2	33.7	33.3	32.4
Communication, electric, gas services	12.9	12.8	12.4	12.2	12.3	12.2	12.0	12.0	12.6	13.2	14.1	14.4	14.7
WHOLESALE TRADE	30.6	30.5	31.2	32.0	31.8	31.5	32.5	34.5	36.8	37.8	38.5	38.1	37.2
RETAIL TRADE	76.4	77.7	82.2	86.0	87.6	87.8	92.4	95.7	100.3	102.2	102.2	102.2	101.6
FINANCE, INSURANCE, AND REAL ESTATE	26.0	26.4	26.6	26.9	27.4	28.2	28.9	29.9	30.7	32.1	32.6	32.6	32.3
Banking	5.4	5.4	5.5	5.8	6.1	6.3	6.4	6.6	6.9	7.1	7.4	7.5	7.4
Insurance carriers	9.5	9.6	9.3	9.3	9.6	10.2	10.3	10.6	10.7	11.0	11.1	11.4	11.3
SERVICES	77.7	79.3	84.9	91.6	95.3	97.4	100.3	105.7	112.6	117.4	121.7	123.9	124.3
GOVERNMENT	69.7	71.2	72.4	72.9	75.3	78.2	78.6	79.3	82.5	82.8	83.9	82.4	80.5
Federal government	14.2	13.9	13.2	12.2	12.5	13.3	13.7	13.6	13.7	13.3	13.8	13.1	12.6
State government (includes education)	4.9	5.3	[illegible]	5.8	6.1	6.1	5.9	11.5	17.7	17.6	18.3	18.1	18.0
Local government	50.6	52.0	53.[illegible]	54.9	56.8	58.7	59.0	54.1	51.1	51.8	51.8	51.2	49.8
Local government education	30.8	31.1	31.9	32.3	32.7	33.3	33.4	29.9	27.2	29.1	29.1	29.0	28.1
Local government, except education	19.8	21.0	21.9	22.6	24.1	25.5	25.5	24.3	23.9	22.7	22.6	22.2	21.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43215 6-24-85 RS-[illegible]

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.56	$10.38	$10.38	$10.46	$10.58	$10.50	$10.50	$10.50	$10.58	$10.54	$10.64	$10.81	$10.84
Durable Goods[b]	10.51	10.24	10.19	10.38	10.45	10.41	10.47	10.48	10.67	10.31	10.63	10.69	10.76
Fabricated metal products	9.91	9.37	9.30	9.73	9.88	9.89	9.95	9.90	9.90	9.24	9.22	9.29	9.39
Fabricated structural metal products	9.33	9.11	9.05	8.94	8.88	9.23	9.35	9.48	9.08	9.91	9.63	9.46	9.54
Machinery, except electrical	9.05	9.50	9.57	9.56	9.59	9.57	9.55	9.57	9.66	9.68	9.71	9.91	9.90
Metalworking machinery	10.72	10.48	10.70	10.79	10.74	10.68	10.67	10.67	10.70	10.71	10.79	10.89	10.80
General industrial machinery	8.79	8.67	8.76	8.57	8.57	8.57	8.56	8.58	8.66	8.80	8.94	9.13	9.00
Electric and electronic equipment	8.18	7.89	7.89	7.91	8.05	8.13	8.07	8.1	8.13	8.18	8.23	8.37	8.42
Transportation equipment	14.17	13.47	13.42	13.97	14.05	13.[illegible]	14.14	14.[illegible]	14.58	14.[illegible]	14.45	14.81	14.95
Motor vehicles and equipment	15.87	14.65	14.50	15.17	15.30	15.02	15.[illegible]	14.[illegible]	15.67	15.17	15.48	15.76	15.93
Nondurable Goods[c]	10.62	10.53	10.58	10.55	10.72	10.59	10.54	10.[illegible]	10.49	10.78	10.64	10.74	10.72
Food and kindred products	11.58	11.50	11.60	11.57	11.58	11.47	11.45	11.[illegible]	11.45	11.47	11.45	11.45	11.62
Beverages	11.06	10.85	11.[illegible]	11.13	11.02	11.22	11.16	11.[illegible]	11.02	11.14	11.18	11.29	11.32
Apparel and other textile products	5.40	5.40	5.15	5.38	5.43	5.40	5.38	5.39	5.41	5.42	5.40	5.38	5.38
Paper and allied products	9.87	9.14	9.24	9.14	9.21	9.20	9.10	9.[illegible]	9.45	9.44	9.27	9.42	9.30
Printing and publishing	10.55	10.70	10.41	10.73	10.74	10.57	10.35	10.24	10.37	10.76	10.76	10.84	10.78
Commercial printing	11.34	11.46	11.61	11.57	11.60	11.34	11.11	10.97	11.01	11.54	11.50	11.45	11.48
Chemicals and allied products	12.58	12.17	12.21	12.31	12.64	12.53	12.51	12.44	12.30	12.31	12.63	12.76	12.82
Rubber and plastic products	8.38	8.12	8.13	8.07	8.45	8.37	8.44	8.72	8.09	8.08	8.22	8.48	8.06
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	11.76	11.70	11.69	11.84	11.92	11.[illegible]	12.00	12.05	12.33	12.35	12.36	12.34	12.25
WHOLESALE TRADE	8.98	8.92	8.89	8.84	8.94	9.[illegible]	9.09	9.01	9.02	9.02	9.02	9.02	9.04
RETAIL TRADE[d]	5.36	5.34	5.30	5.36	5.34	5.33	5.35	5.34	5.34	5.34	5.40	5.36	5.35
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay period which includes the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses, call-in pay, holidays, vacation, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those specified in the "Standard Industrial Classification Manual, 1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43215 ~~4-25-85~~ 85-7-E-4-3 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1964[a]

Industry	1964 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	41.0	41.1	41.4	41.7	41.3	41.2	41.0	41.0	41.7	42.1	41.8	42.7	42.0
Durable goods[b]	41.8	41.6	41.9	41.7	41.6	41.3	41.0	41.7	42.0	42.3	42.1	43.1	43.
Fabricated metal products	41.7	41.7	41.7	41.7	41.9	41.4	41.1	41.3	41.6	41.8	40.8	41.4	41.3
Electrical machinery, equipment, supplies	41.0	41.1	41.4	41.1	41.3	41.0	40.8	44.1	41.1	45.9	41.7	41.6	41.1
Machinery, except electrical	41.2	41.2	41.4	41.2	41.4	41.3	41.1	39.8	41.1	41.0	41.4	42.5	41.7
Metalworking machinery	41.1	41.1	41.3	41.1	41.2	41.7	41.1	41.2	41.1	41.1	41.1	41.1	41.0
Special industrial machinery	41.1	41.2	41.0	41.	41.3	41.	41.	41.1	41.1	39.6	41.1	41.	41.0
Transportation equipment	41.2	41.4	41.1	41.4	41.5	41.1	41.1	41.7	41.3	41.3	41.	41.8	41.7
Transportation equipment	41.2	41.5	41.	41.4	41.4	41.7	41.1	41.2	41.1	41.1	44.1	41.1	40.5
Aircraft and parts	41.	41.1	41.1	44.1	41.2	44.5	41.1	41.4	41.9	41.2	44.1	41.8	47.0
Nondurable goods[c]	41.1	41.	41.1	41.1	41.1	41.1	41.1	41.4	41.1	41.1	41.1	41.1	41.1
Food and kindred products	41.	41.	41.	41.2	41.	40.1	41.1	44.1	44.1	43.1	42.1	42.1	43.1
Tobacco	41.	41.1	41.1	41.	41.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.7
Apparel and other textile products	37.	37.	37.4	39.	39.7	37.1	39.	39.	39.1	37.1	37.1	39.1	39.4
Paper and allied products	41.1	41.1	41.1	41.	41.1	41.1	41.1	41.1	41.1	41.1	41.4	44.1	41.1
Printing and publishing	41.4	41.1	41.1	41.	41.	39.1	39.	39.1	39.1	41.4	39.7	39.1	41.7
Chemicals and allied products	41.1	44.1	44.1	41.1	41.	41.1	41.	41.1	41.1	41.1	41.7	41.1	44.1
Petroleum and coal products	41.	41.1	41.	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
Rubber and miscellaneous plastics products	44.	41.1	44.	41.	41.1	44.7	41.1	41.1	41.7	41.1	44.1	41.1	41.4
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	39.	39.	39.1	39.4	39.1	39.1	39.1	39.1	39.7	39.5	39.1	39.1	39.4
WHOLESALE TRADE	41.1	41.1	41.1	41.	41.1	41.1	41.	41.1	41.1	41.1	41.7	41.1	41.1
RETAIL TRADE	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a]Compiled in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data related to full- and part-time production workers in manufacturing (and supervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual--1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes food manufacturing; textile mill products; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [e]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-16-65 RS-79.6-3 (1964)

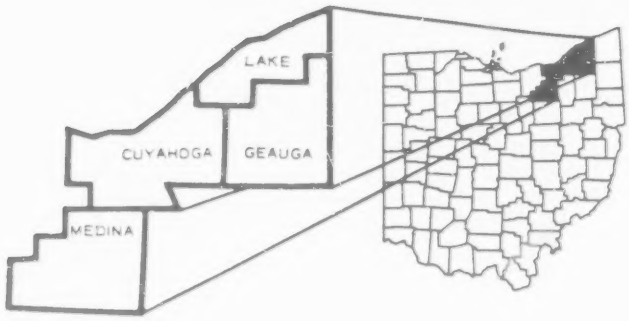
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1994[a]

Industry	1994 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$441.41	$431.81	$429.73	$436.18	$444.36	$435.15	$436.80	$430.50	$441.19	$443.73	$444.75	$461.59	$465.04
Durable Goods[b]	439.38	421.89	417.79	430.77	434.72	429.93	435.55	424.09	448.14	436.11	446.46	468.27	471.28
Fabricated metal products	378.92	361.36	379.44	366.43	379.27	375.32	378.68	392.35	368.28	386.23	376.16	384.61	393.44
Fabricated structural metal products	391.19	373.51	371.09	368.70	381.89	376.58	400.18	425.65	393.18	454.87	403.50	387.86	405.45
Machinery, except electrical	398.62	388.55	395.11	396.74	398.61	390.31	386.78	380.89	397.03	396.88	401.99	411.27	412.83
Metalworking machinery	436.30	422.34	442.58	441.18	434.97	434.68	418.26	418.26	435.49	440.18	441.00	449.76	457.80
General industrial machinery	350.80	352.87	373.15	353.34	367.65	361.65	347.41	344.06	342.34	356.67	361.40	377.98	360.00
Electric and electronic equipment	334.94	364.16	364.28	327.47	334.08	334.14	330.87	333.33	335.77	337.83	330.85	349.87	351.11
Transportation equipment	622.08	573.33	558.93	606.30	609.77	598.09	617.92	582.82	660.47	636.11	640.14	696.07	699.66
Motor vehicles and equipment	686.48	632.88	614.25	675.07	691.56	676.81	705.02	613.96	766.26	720.58	688.86	737.57	751.90
Nondurable Goods	444.81	442.21	441.14	442.09	455.60	441.60	438.46	438.01	433.24	451.68	442.62	456.45	457.74
Food and kindred products	497.63	494.80	489.52	495.20	497.44	494.36	496.79	512.20	503.80	502.34	490.06	487.77	506.63
Beverages	484.72	496.62	490.10	467.46	476.73	470.12	475.46	468.83	476.06	471.22	465.09	484.02	472.04
Apparel and other textile products	220.07	210.27	230.01	227.24	213.86	221.84	215.88	214.20	220.44	220.82	227.36	219.64	221.35
Paper and allied products	394.80	395.93	401.14	393.00	391.43	394.68	393.11	392.18	393.12	400.75	383.78	414.48	390.60
Printing and publishing	430.29	445.12	453.80	425.20	443.56	421.74	408.83	407.56	413.76	434.70	427.17	432.52	449.53
Commercial printing	488.63	504.35	514.36	482.41	503.40	479.15	465.51	467.32	462.42	497.37	473.55	472.89	512.01
Chemicals and allied products	565.84	512.36	506.72	523.18	548.10	523.75	514.16	496.84	496.69	546.09	527.93	555.06	562.80
Rubber and misc. plastics products	370.44	367.84	361.79	364.05	389.55	379.03	393.09	402.86	353.53	349.06	365.79	392.62	341.74
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	477.50	465.66	455.90	466.50	472.03	476.01	477.60	480.80	489.50	487.83	491.93	488.66	482.65
WHOLESALE TRADE	365.47	356.40	356.04	359.79	363.86	370.08	372.69	367.61	368.02	368.92	367.11	365.31	376.12
RETAIL TRADE[c]	165.62	164.93	163.48	164.02	164.47	165.23	167.46	167.77	166.61	165.01	165.24	164.02	167.46
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	230.04	229.04	226.63	227.35	229.64	228.51	229.55	231.21	229.57	232.74	232.05	230.47	231.69

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio, Dearborn County, Indiana, Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products, petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-95 PS-790-23 (1994)

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA

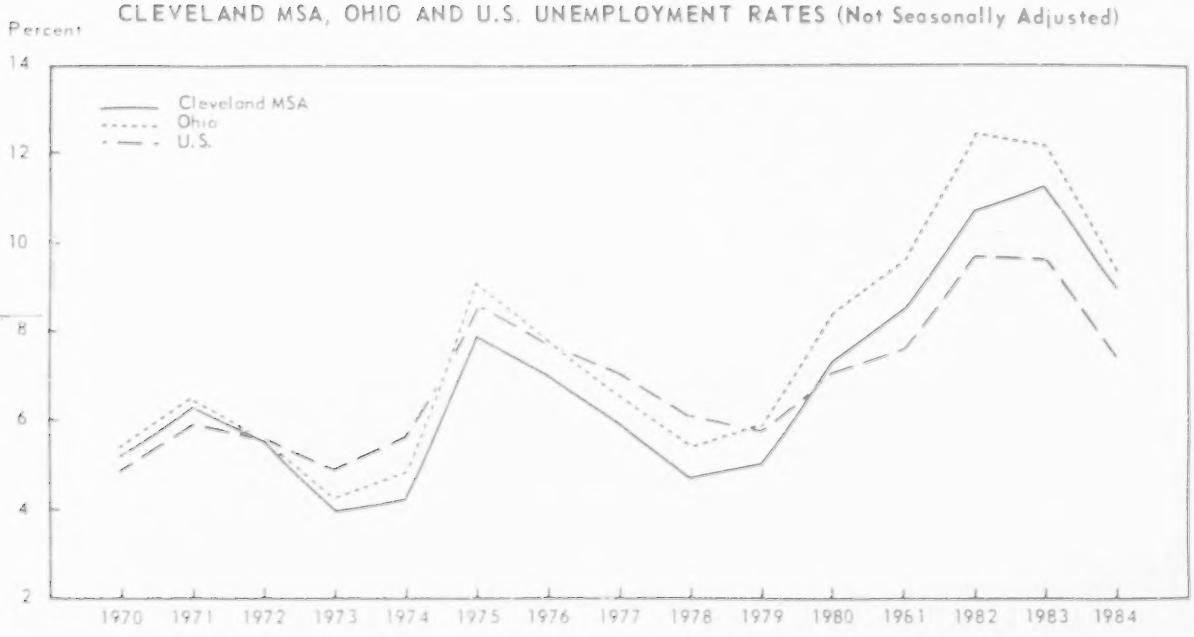


The estimated annual average civilian labor force in the Cleveland area, based on place of residence, decreased 9,900 from 1983 to 918,600 in 1984. Employment rose 12,800 over the year, and unemployment dropped 22,700 to a 1984 total of 82,400. The unemployment rate declined from 11.3 percent in 1983 to 9.0 percent in 1984 (see table, top of page 53).

The economic downturns in Ohio over the past several years have hit especially hard in the Cleveland area due to its concentration of durable-goods industries. Nonagricultural wage and salary employment fell from 919,800 in 1979 to 829,600 in 1983. More than 90,000 jobs were lost. Three-fourths of the loss occurred in durable-goods industries, especially nonelectrical machinery, fabricated metals, transportation equipment, and primary metals (see table, bottom of page 53). In nonmanufacturing, noteworthy declines were reported in retail trade, construction, transportation and public utilities, and wholesale trade.

In 1984, factory employment rose for the first time since 1979, as 21.7 percent of lost nonfarm jobs were recovered. Contributing most to the recovery were employment increases in services, retail trade, nonelectrical machinery, wholesale trade, and fabricated metals.

CLEVELAND MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Cleveland	Ohio	U.S.
1970	878.9	833.5	45.4	5.2	5.4	4.9
1971	866.7	811.7	55.0	6.3	6.5	5.9
1972	873.2	825.2	48.0	5.5	5.5	5.6
1973	883.9	849.0	34.9	3.9	4.3	4.9
1974	899.1	861.4	37.7	4.2	4.8	5.6
1975	896.9	826.3	70.6	7.9	8.1	8.5
1976	897.7	834.4	63.3	7.0	7.8	7.7
1977	908.5	854.4	54.0	5.9	6.5	7.1
1978	921.7	878.5	43.2	4.7	5.4	6.1
1979	935.8	889.1	46.7	5.0	5.9	5.8
1980	937.1	868.1	68.0	7.3	8.4	7.1
1981	933.9	864.0	71.8	8.3	9.6	7.6
1982	933.4	833.2	100.2	10.7	12.5	9.7
1983	928.5	823.4	105.1	11.3	12.2	9.6
1984	918.6	836.2	82.4	9.0	9.4	7.5

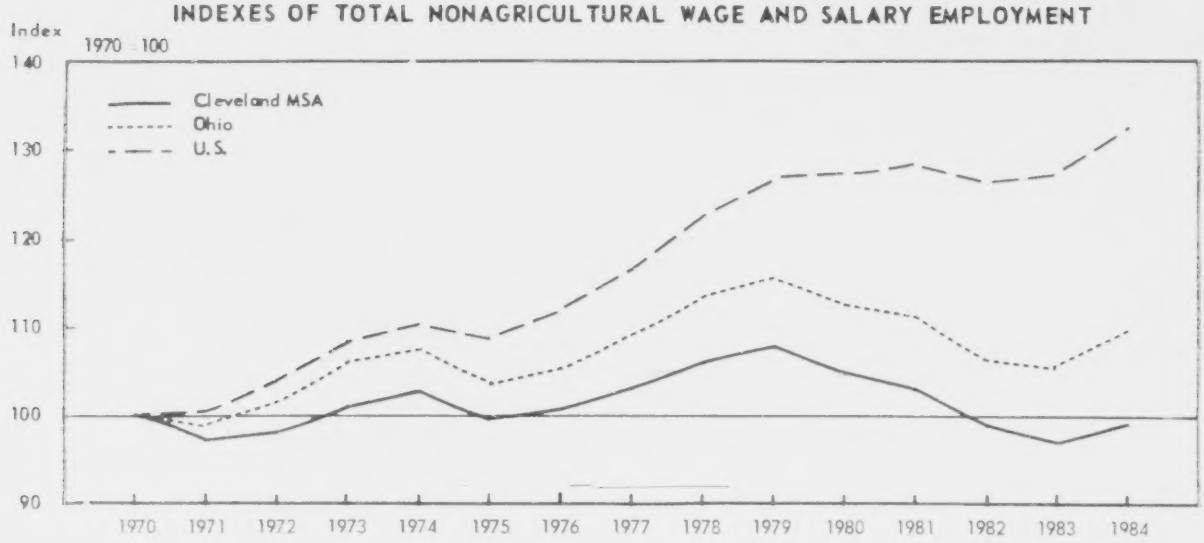
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA
1979, 1983, and 1984

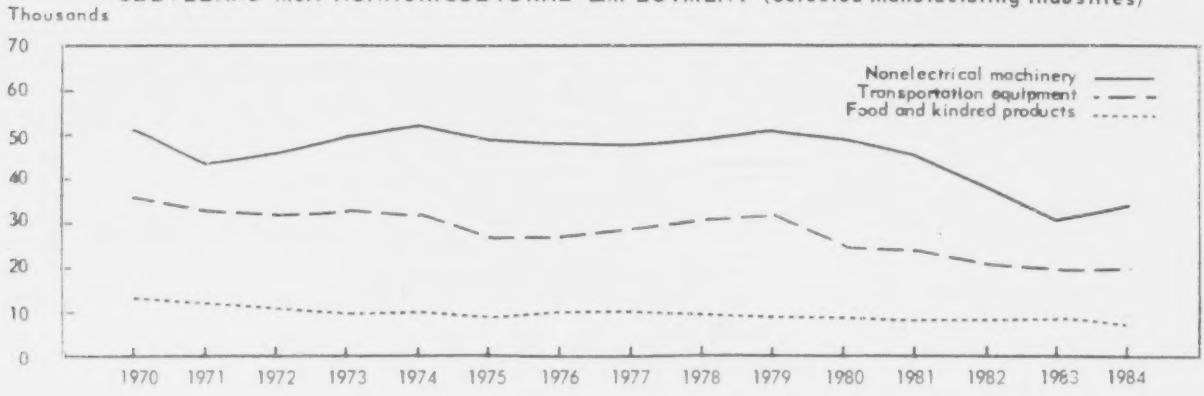
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979-1983	1983-1984	Cleveland	U.S.
TOTAL	919.9	809.9	864.2	- 40.0	19.6	23.0	31.0
MANUFACTURING	278.9	207.9	219.2	- 69.0	5.4	6.8	7.8
Durable Goods	205.1	149.9	146.1	- 46.2	4.2	6.3	10.0
Primary metal industries	31.1	24.1	22.7	- 7.0	- 1.4	-	-
Fabricated metal products	46.5	31.1	33.9	- 14.4	2.8	19.4	16.0
Machinery, except electrical	50.7	31.4	33.4	- 19.3	2.0	10.4	16.0
Electric and electronic equipment	28.5	21.9	20.8	- 6.6	- 1.0	-	10.4
Transportation equipment	31.8	28.9	26.0	- 2.9	- 2.9	-	3.4
Motor vehicles and equipment	14.0	13.7	13.4	- 0.3	- 0.3	-	3.4
Nondurable Goods	73.8	58.4	73.1	- 15.4	14.7	31.8	35.4
CONSTRUCTION	39.5	29.9	30.7	- 9.6	0.8	13.0	20.0
TRANSPORTATION AND PUBLIC UTILITIES	47.8	40.9	41.9	- 6.9	1.0	14.5	16.4
Communication, electric, gas services	18.9	17.4	17.7	- 1.5	.3	*	*
WHOLESALE TRADE	55.9	50.9	52.9	- 5.0	2.0	40.0	28.6
RETAIL TRADE	146.8	135.9	139.9	- 10.9	4.0	36.7	19.2
FINANCE, INSURANCE, AND REAL ESTATE	47.9	48.4	48.4	.5	.0	*	*
SERVICES	180.1	146.7	203.1	- 33.4	6.4	*	*
GOVERNMENT	120.2	114.1	113.7	- 6.1	- 0.4	-	-

* No downturn, 1979-83
- No upturn, 1983-84

INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



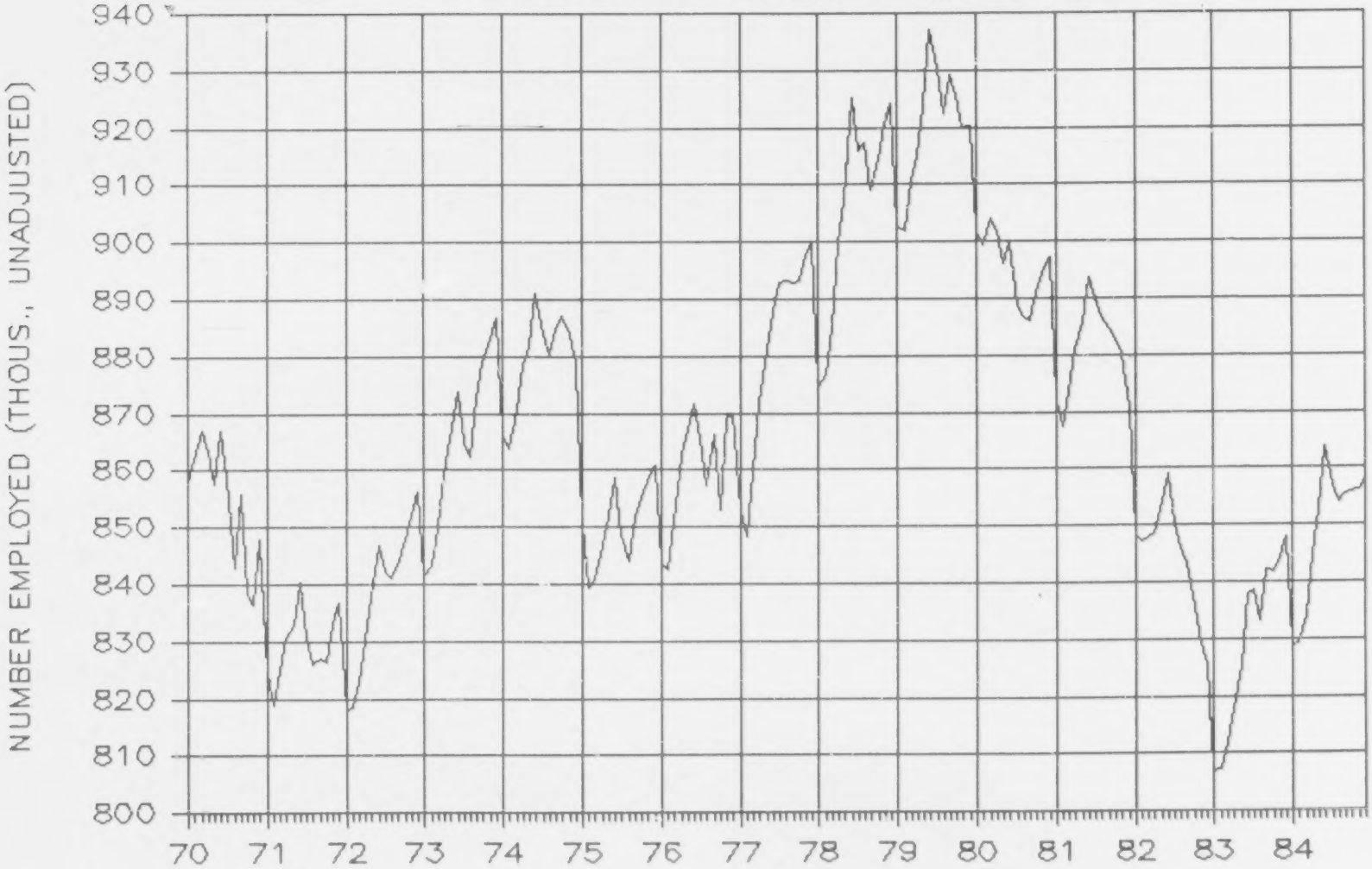
CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)

CLEVELAND PMSA

TOTAL NON–AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a] 1.
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	849.2	828.9	829.4	833.9	844.6	852.7	863.8	857.1	854.1	855.5	856.0	856.4	857.9
MANUFACTURING	213.2	210.4	210.2	211.7	212.3	213.6	215.6	213.3	212.9	214.6	214.5	214.8	214.2
Durable Goods[b]	148.1	146.7	146.5	147.5	147.7	148.3	149.4	147.3	147.1	148.8	149.1	149.6	149.2
Primary metal industries	23.7	24.5	24.5	24.4	24.3	24.1	23.9	23.3	23.1	23.1	23.3	23.4	23.1
Blast furnace and basic steel products	11.6	12.3	12.2	12.1	11.9	11.8	11.5	11.3	11.2	11.2	11.4	11.4	10.8
Iron and steel foundries	5.8	5.8	5.9	5.9	5.9	5.9	5.8	5.6	5.6	5.6	5.6	5.7	5.8
Fabricated metal products	33.3	32.3	32.3	32.5	33.0	33.2	33.7	33.1	33.7	34.1	34.0	34.0	34.3
Fabricated structural metal products	3.6	3.4	3.3	3.3	3.4	3.5	3.6	3.7	3.7	3.7	3.8	3.7	3.8
Screw machine products, bolts, etc.	4.7	4.5	4.6	4.8	4.7	4.7	4.8	4.7	4.8	4.8	4.8	4.9	4.9
Metal forgings and stampings	11.6	11.4	11.4	11.5	11.6	11.5	11.5	11.2	11.5	11.8	11.6	11.8	11.9
Machinery, except electrical	33.5	32.3	32.3	32.7	33.3	33.7	34.0	33.7	33.7	34.0	34.1	34.2	33.9
Construction and related machinery	4.8	5.3	5.1	5.0	5.0	5.0	4.9	4.7	4.6	4.5	4.5	4.5	4.2
Metalworking machinery	10.6	10.2	10.4	10.5	10.5	10.6	10.7	10.6	10.6	10.7	10.6	10.7	10.8
Special industry machinery	3.7	3.4	3.4	3.5	3.6	3.7	3.7	3.7	3.8	3.9	3.9	3.9	3.9
General industrial machinery	3.0	2.9	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Electric and electronic equipment	19.9	19.8	19.8	19.9	19.8	20.0	20.2	20.1	19.8	20.1	19.9	19.9	19.8
Electrical industrial apparatus	7.3	7.4	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.3	7.2	7.3	7.3
Transportation equipment	20.0	20.5	20.5	20.6	19.9	19.8	19.9	19.4	19.2	19.8	20.0	20.3	20.4
Motor vehicles and equipment	13.4	14.0	14.0	14.0	13.3	13.2	13.2	12.7	12.6	13.0	13.3	13.5	13.6
Instruments and related products	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.1	8.2	8.3	8.3	8.3
Measuring and controlling devices	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.1	4.1
Nondurable Goods[c]	65.1	63.7	63.6	64.2	64.6	65.2	66.2	66.0	65.8	65.8	65.4	65.2	64.9
Food and kindred products	7.2	7.3	7.1	7.1	7.3	7.3	7.5	7.4	7.2	7.2	7.1	7.1	7.2
Apparel and other textile products	5.1	5.1	5.2	5.2	5.2	5.2	5.1	5.0	5.0	5.1	5.1	5.0	5.0
Paper and allied products	5.5	5.3	5.3	5.3	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.7	5.7
Printing and publishing	15.9	15.4	15.3	15.4	15.3	15.5	15.8	15.9	15.9	15.9	15.8	15.6	15.4
Chemicals and allied products	14.2	13.8	13.8	13.9	14.1	14.2	14.6	14.5	14.5	14.3	14.1	14.0	14.1
Rubber and misc. plastics products	11.8	11.5	11.5	11.6	11.8	11.9	12.0	11.9	11.9	12.0	12.0	12.1	11.9

See footnotes at end of table.

RS-790-1-4 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	636.0	618.5	619.2	622.3	632.3	639.1	648.2	643.8	641.2	640.9	641.5	641.5	643.7
CONSTRUCTION	26.9	23.4	23.2	23.1	25.7	27.2	28.7	29.4	29.2	29.3	29.3	28.3	26.7
TRANSPORTATION AND PUBLIC UTILITIES	42.3	41.1	41.0	41.4	42.0	42.6	42.9	42.7	42.8	42.8	42.8	42.8	43.0
Trucking and warehousing	10.8	10.2	10.4	10.5	10.7	10.9	11.1	10.8	10.9	10.8	10.8	10.9	11.2
Communication and electric, gas services	19.6	19.6	19.6	19.6	19.6	19.6	19.5	19.5	19.5	19.6	19.6	19.6	19.7
WHOLESALE TRADE	61.3	59.8	59.9	60.2	60.7	61.1	62.1	62.0	61.8	61.9	62.0	62.0	62.4
Wholesale trade durable goods	43.2	42.2	42.3	42.5	42.7	43.0	43.8	43.7	43.6	43.7	43.8	43.7	44.0
RETAIL TRADE	139.8	136.2	134.1	135.5	138.0	140.2	142.0	140.6	140.5	141.4	141.1	142.7	146.0
General merchandise stores	21.4	21.7	20.6	20.6	20.7	20.9	21.0	21.0	20.7	21.1	21.6	22.7	23.9
FINANCE INSURANCE AND REAL ESTATE	48.4	47.8	48.0	48.0	48.1	48.2	48.9	49.1	48.9	48.8	48.5	48.3	48.4
Banking	13.0	13.4	13.3	13.1	12.9	12.8	12.9	13.0	12.9	12.9	12.9	13.0	13.0
Credit agencies other than banks	7.7	7.6	7.6	7.6	7.6	7.6	7.8	7.8	7.8	7.7	7.7	7.7	7.7
Insurance carriers	11.4	11.2	11.4	11.5	11.4	11.4	11.5	11.5	11.4	11.4	11.3	11.2	11.2
SERVICES	201.1	195.1	196.6	198.0	201.6	203.7	206.7	202.8	202.7	203.1	201.7	201.5	201.3
Business services	39.0	36.2	36.4	36.8	38.4	39.0	39.8	39.7	40.0	40.2	40.4	40.4	40.9
Amusement and recreation services	8.0	6.1	6.1	6.7	7.5	9.0	9.7	10.2	10.3	9.9	6.9	6.7	6.5
Health services	66.0	65.3	65.2	65.4	65.4	65.1	66.0	66.2	66.4	66.3	66.8	67.0	66.6
GOVERNMENT	114.7	113.8	115.1	114.9	115.1	114.9	116.6	115.9	114.1	112.4	114.9	114.5	114.6
Federal government	19.6	19.4	19.4	19.5	19.5	19.5	19.6	19.7	19.6	19.6	19.6	19.6	19.7
State government	7.8	8.0	7.9	8.0	7.9	7.6	8.1	7.5	7.4	7.3	7.8	7.6	8.0
State government education	2.8	3.1	3.0	3.2	3.1	2.8	3.0	2.4	2.3	2.3	2.9	2.8	3.1
State government, except education	5.0	5.0	4.9	4.8	4.9	4.8	5.1	5.1	5.1	5.0	4.9	4.9	5.0
Local government	87.4	86.4	87.7	87.4	87.6	87.8	88.9	88.7	87.1	85.5	87.5	87.3	86.9
Local government education	42.4	42.2	43.6	43.8	43.8	43.6	43.3	40.2	38.6	41.2	43.0	43.2	42.8
Local government, except education	45.0	44.2	44.1	43.6	43.8	44.2	45.6	48.5	48.5	44.3	44.5	44.1	44.1

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-85 RS-790-1-4 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	823.8	806.9	807.5	812.1	817.8	825.2	838.0	838.8	833.4	842.6	842.1	844.5	848.2
MANUFACTURING	207.3	204.4	204.7	205.5	205.1	206.0	207.7	206.6	206.7	209.5	209.9	210.6	210.9
Durable Goods[b]	143.9	142.2	142.2	142.6	142.7	143.4	144.5	143.0	142.5	144.8	145.8	146.5	146.5
Primary metal industries	24.1	23.1	23.3	23.5	23.8	23.8	24.1	23.9	24.3	24.7	24.9	24.8	24.7
Blast furnace and basic steel products	12.4	11.6	11.8	12.0	12.1	12.3	12.5	12.7	12.9	12.6	12.6	12.5	12.5
Iron and steel foundries	5.7	5.7	5.6	5.6	5.7	5.5	5.6	5.4	5.6	5.9	6.0	6.0	5.8
Fabricated metal products	31.1	31.0	30.9	30.9	30.7	30.9	31.2	30.4	30.4	31.1	31.5	32.0	32.2
Fabricated structural metal products	3.6	3.5	3.4	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.6	3.6	3.6
Screw machine products, bolts, etc.	4.3	4.2	4.2	4.3	4.4	4.4	4.4	4.3	4.3	4.4	4.4	4.5	4.5
Metal forgings and stampings	10.8	11.1	11.0	10.9	10.7	10.7	10.8	10.0	9.8	10.4	11.0	11.3	11.4
Machinery, except electrical	30.3	31.0	30.3	30.2	30.2	30.7	30.9	31.1	30.7	31.0	31.3	31.5	31.9
Construction and related machinery	5.2	4.3[e]	4.8[e]	4.8[e]	4.7[e]	5.3	5.4	5.5	5.5	5.5	5.4	5.4	5.3
Metalworking machinery	10.0	10.5	10.2	10.1	10.1	9.9	9.9	9.9	10.0	9.8	9.9	9.9	10.1
Special industry machinery	3.1	2.8	2.8	2.9	3.0	3.0	2.9	3.0	3.1	3.2	3.3	3.4	3.4
General industrial machinery	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9
Electric and electronic equipment	21.3	22.3	22.5	22.5	22.0	21.7	21.4	21.0	20.8	20.7	20.6	20.3	19.8
Electrical industrial apparatus	7.4	7.7	7.7	7.7	7.5	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.3
Transportation equipment	20.3	19.8	20.2	20.4	20.6	20.5	20.8	20.2	19.6	20.3	20.5	20.6	20.6
Motor vehicles and equipment	13.9	13.3	13.8	14.0	14.2	14.2	14.3	13.8	13.3	13.8	14.0	14.1	14.1
Instruments and related products	6.7	5.7	5.7	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.1
Measuring and controlling devices	3.8	3.6	3.6	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
Nondurable Goods[c]	63.4	62.3	62.4	62.9	62.4	62.6	63.2	63.6	64.2	64.7	64.1	64.2	64.3
Food and kindred products	7.7	7.6	7.5	7.6	7.6	7.6	7.7	7.9	7.9	7.9	7.7	7.7	7.7
Apparel and other textile products	4.9	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.9	4.9	4.9	5.1
Paper and allied products	4.9	4.7	4.8	4.7	4.8	4.8	4.9	5.0	5.1	5.2	5.1	5.2	5.2
Printing and publishing	15.0	14.5	14.6	14.9	14.8	14.9	15.0	14.9	15.2	15.4	15.3	15.4	15.5
Chemicals and allied products	14.3	14.8	14.7	14.5	14.2	14.2	14.2	14.3	14.4	14.2	14.0	14.0	14.0
Rubber and miscl plastics products	10.8	10.1	10.3	10.6	10.4	10.6	10.7	10.8	10.9	11.3	11.3	11.3	11.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	622.5	602.5	602.8	606.6	612.7	619.1	630.3	637.3	626.8	633.1	632.2	633.9	637.3
CONSTRUCTION	25.3	20.9	20.6	21.4	22.7	24.5	26.4	27.8	28.4	28.6	28.5	27.8	26.3
TRANSPORTATION AND PUBLIC UTILITIES	40.9	40.4	40.1	40.4	41.1	41.3	41.9	41.9	36.7	41.9	41.7	41.4	42.0
Trucking and warehousing	10.1	9.5	9.6	9.7	9.8	10.0	10.4	10.3	10.4	10.4	10.2	10.4	10.7
Communication, electric, gas services	19.4	20.2	20.1	20.1	20.1	19.9	19.9	19.7	14.6[e]	19.6	19.5	19.4	19.5
WHOLESALE TRADE	58.9	57.7	57.4	57.7	57.8	58.1	58.8	59.4	59.7	59.7	59.9	60.0	60.4
Wholesale trade-durable goods	41.3	40.6	40.4	40.5	40.6	40.7	41.2	41.6	41.8	41.8	41.9	42.2	42.5
RETAIL TRADE	135.9	131.5	129.4	129.9	132.4	134.2	136.1	137.6	137.7	138.5	138.6	140.7	144.2
General merchandise stores	21.1	21.3	20.3	20.3	20.4	20.4	20.5	20.7	20.4	21.0	21.4	22.6	23.9
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.1	48.1	48.0	48.2	48.5	49.0	49.1	49.3	48.7	48.2	48.0	48.1
Banking	13.5	13.6	13.5	13.5	13.5	13.5	13.6	13.6	13.6	13.4	13.3	13.4	13.4
Credit agencies other than banks	7.4	7.2	7.3	7.3	7.3	7.4	7.5	7.4	7.6	7.5	7.5	7.5	7.6
Insurance carriers	11.8	11.9	11.9	11.9	11.9	12.0	12.0	12.0	11.9	11.8	11.6	11.4	11.4
SERVICES	195.7	188.9	190.1	191.4	193.4	194.7	196.7	197.4	197.4	200.4	199.9	199.4	199.0
Business services	34.1	31.0	31.2	31.9	32.4	33.0	33.8	34.7	35.5	36.0	36.3	36.4	36.8
Amusement and recreation services	7.9	6.0	6.0	6.2	7.2	8.2	8.9	9.7	10.0	9.7	8.1	7.4	7.3
Health services	65.4	65.1	64.9	65.1	64.8	65.0	65.5	66.1	66.2	66.1	65.4	65.2	65.2
GOVERNMENT	116.1	113.8	115.9	116.7	116.0	116.8	120.2	117.3	116.4	114.1	114.3	115.3	116.1
Federal government	19.4	19.2	19.2	19.3	19.2	19.2	19.3	19.7	19.5	19.4	19.4	19.4	19.5
State government	7.9	8.1	8.1	8.1	8.2	7.7	8.1	7.5	7.4	7.3	7.9	8.0	8.2
State government education[f]	2.8	3.1	3.0	3.1	3.2	2.7	2.9	2.3	2.2	2.3	2.9	3.1	3.1
State government, except education	5.1	5.1	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.0	4.9	4.9	5.1
Local government	88.9	86.4	88.6	89.2	88.6	89.9	92.8	90.7	89.5	87.3	87.0	87.9	88.4
Local government education	42.9	42.1	44.3	44.6	44.1	44.7	44.3	39.5	38.6	41.7	42.9	43.8	44.2
Local government, except education	46.0	44.3	44.3	44.7	44.5	45.2	48.6	51.2	50.9	45.7	44.2	44.1	44.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-1-85 RS-790-1-4 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	854.6	824.4	838.1	865.2	879.2	850.6	860.0	880.9	905.8	919.8	895.7	880.7	844.6
MANUFACTURING	246.8	223.5	273.9	288.1	287.1	260.3	265.1	270.8	275.6	276.3	254.9	246.8	223.0
Durable Goods[b]	217.8	197.5	138.8	212.2	213.6	192.3	134.6	199.3	203.7	205.1	186.8	180.1	158.9
Primary metal industries	33.7	31.4	30.8	33.7	33.5	29.5	30.9	32.1	32.2	31.6	28.8	29.4	26.2
Blast furnace and basic steel products	17.7	16.6	16.4	17.4	17.2	15.4	16.4	16.4	16.5	16.5	15.5	15.6	13.8
Iron and steel foundries	6.1	5.9	6.0	7.1	7.4	6.9	6.8	7.7	7.7	7.0	6.1	6.7	6.3
Fabricated metal products	46.7	42.9	44.8	48.2	48.5	42.0	43.4	45.2	45.6	45.5	40.0	38.6	33.7
Fabricated structural metal products	5.0	4.6	4.8	5.4	5.7	4.9	4.7	5.0	5.0	4.6	4.5	4.5	4.0
Screw machine products, bolts, etc.	8.8	7.8	8.1	8.2	8.2	6.8	6.8	7.1	7.2	7.3	6.3	5.9	4.9
Metal forgings and stampings	16.9	16.0	16.8	18.1	17.3	15.0	16.3	17.3	17.7	17.8	14.0	13.4	11.8
Machinery, except electrical	51.0	44.3	46.0	49.8	52.0	49.1	48.1	47.7	49.0	50.7	49.2	45.9	38.2
Construction and related machinery	8.3	7.4	8.0	8.8	9.3	8.8	8.2	8.8	9.5	9.2	8.8	8.4	6.8
Metalworking machinery	18.1	14.9	15.1	17.2	18.2	16.9	16.6	16.8	16.7	17.5	17.5	16.4	13.1
Special industry machinery	5.7	5.4	5.2	5.8	5.3	4.8	4.9	4.8	5.1	5.2	4.8	4.2	3.3
General industrial machinery	4.6	4.0	4.1	4.1	4.1	3.8	3.7	3.9	4.0	4.1	4.0	3.9	3.4
Electric and electronic equipment	28.6	26.4	26.2	27.7	27.6	25.6	25.9	25.6	26.3	26.5	25.0	24.5	23.8
Electrical industrial apparatus	9.3	8.1	7.6	7.7	8.0	7.9	7.9	8.3	8.8	9.1	9.2	9.1	8.6
Transportation equipment	35.7	33.4	31.9	33.1	31.9	27.2	27.0	29.0	31.2	31.8	25.3	23.9	20.7
Motor vehicles and equipment	26.3	25.9	25.4	25.6	24.3	20.3	20.7	22.4	24.0	24.0	17.2	16.4	13.9
Instruments and related products	7.3	6.5	6.3	6.1	6.3	6.6	6.9	7.3	6.5	5.7	6.3	6.5	5.9
Nondurable Goods[c]	79.0	76.1	75.0	75.9	73.6	68.0	70.5	71.5	71.8	71.2	68.1	66.7	64.1
Food and kindred products	12.8	11.6	10.7	10.3	9.7	9.2	9.7	9.6	9.5	9.2	8.8	8.2	7.8
Apparel and other textile products	9.3	8.8	9.0	9.3	8.8	7.4	7.3	6.9	6.5	6.1	5.7	5.7	5.3
Paper and allied products	5.4	5.3	5.2	5.4	5.3	4.7	5.2	5.3	5.3	5.3	5.2	5.0	4.9
Printing and publishing	17.2	16.5	16.2	16.3	15.9	15.1	14.9	15.4	15.5	15.3	15.3	15.3	15.0
Chemicals and allied products	18.9	18.2	17.7	17.0	17.0	16.1	16.5	16.6	16.7	16.9	16.6	16.1	15.2
Rubber and misc. plastics products	10.4	10.1	10.6	11.7	11.1	9.9	11.1	11.7	12.5	12.7	10.7	10.6	10.1
NONMANUFACTURING[d]	567.8	555.8	564.2	577.1	592.1	590.3	594.9	610.2	630.2	643.5	640.8	633.9	621.7
CONSTRUCTION	31.4	31.1	30.0	31.3	32.2	30.5	28.8	29.5	32.4	33.5	29.8	27.6	25.0
TRANSPORTATION AND PUBLIC UTILITIES	50.6	49.4	49.1	48.4	49.9	48.0	45.9	46.0	47.3	47.8	45.9	44.8	43.0
Communication, electric, gas services	19.9	20.0	20.0	18.9	19.7	19.2	18.5	18.2	18.6	18.9	19.3	19.9	20.2
WHOLESALE TRADE	55.1	55.3	55.7	57.4	60.5	58.7	60.5	61.0	63.6	65.3	63.9	62.8	60.6
RETAIL TRADE	126.1	125.3	128.7	133.0	135.4	134.2	136.0	140.7	145.6	146.8	141.4	137.7	134.6
FINANCE, INSURANCE, AND REAL ESTATE	41.4	41.9	42.3	43.3	43.3	43.2	44.1	44.8	45.8	47.9	48.2	48.2	48.4
Banking	11.4	11.3	11.1	11.5	12.0	12.3	12.3	12.5	12.8	13.5	13.7	13.7	13.6
Insurance carriers	10.7	11.0	10.7	10.8	10.9	11.0	11.2	11.5	12.0	12.6	12.2	11.9	12.2
SERVICES	137.5	138.2	142.8	149.3	155.6	158.0	160.4	168.0	175.4	182.5	187.5	191.8	192.2
GOVERNMENT	112.2	113.2	114.3	113.1	113.9	116.2	117.7	118.6	118.6	118.2	122.6	119.7	116.7
Federal government	22.1	21.3	20.6	20.3	20.7	20.8	20.7	20.5	20.3	20.3	20.7	20.0	19.5
State government (includes education)	6.1	6.5	6.3	7.1	6.8	7.0	7.5	7.6	7.7	7.8	8.1	7.9	7.8
Local government	84.0	85.4	87.7	85.8	86.4	88.4	89.5	90.5	90.6	90.1	93.8	91.9	89.4
Local government education	44.7	47.8	48.8	46.1	46.1	47.0	46.9	47.1	44.9	45.0	47.9	45.9	43.8
Local government, except education	39.3	37.6	37.9	39.7	40.3	41.4	42.6	43.4	45.7	45.1	45.9	45.9	45.6

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-26-85 RS-790-04

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.90	$10.71	$10.78	$10.82	$10.84	$10.84	$10.83	$10.69	$10.81	$10.92	$10.91	$11.10	$11.11
Durable Goods[b]	11.42	11.26	11.33	11.39	11.38	11.38	11.36	11.20	11.37	11.48	11.46	11.69	11.68
Primary metal industries	12.93	12.35	12.68	12.68	12.64	12.82	12.70	12.48	12.86	13.02	13.08	13.41	13.33
Blast furnace and basic steel products	13.14	12.66	13.03	13.09	13.22	13.23	13.05	13.04	13.09	13.11	13.24	13.32	13.37
Iron and steel foundries	15.24	14.62	14.85	14.84	14.76	15.17	15.04	14.63	15.32	15.70	15.60	16.39	16.27
Fabricated metal products	10.42	10.29	10.33	10.36	11.08	10.36	10.35	10.32	10.37	10.37	10.31	11.03	11.27
Fabricated structural metal products	8.87	8.31	8.64	8.73	8.67	8.88	8.86	9.16	9.10	9.03	8.91	9.09	8.92
Screw machine products, bolts, etc.	9.70	10.39	10.20	10.07	9.89	9.69	9.51	9.36	9.33	9.60	9.56	9.50	9.24
Metal forgings and stampings	13.36	12.84	12.89	13.31	13.36	13.42	13.50	13.25	13.39	13.24	13.21	13.53	14.04
Machinery, except electrical	10.95	11.11	11.19	11.02	10.86	11.01	10.97	10.73	10.74	10.75	10.88	10.84	11.11
Construction and related machinery	11.72	12.53	12.27	12.01	11.86	11.85	11.67	11.44	11.30	11.37	11.24	11.31	11.36
Metalworking machinery	10.02	10.33	10.28	10.14	10.12	10.16	10.12	9.89	9.89	9.95	9.76	9.69	9.77
Special industry machinery	11.68	11.86	11.94	11.87	11.72	11.40	11.44	11.46	11.53	11.56	11.56	11.64	11.99
General industrial machinery	9.87	9.98	9.93	9.83	9.77	9.84	9.65	9.63	9.65	9.88	9.95	10.13	10.22
Electric and electronic equipment	10.12	10.00	10.02	10.08	9.94	10.01	9.93	10.11	10.15	10.26	10.29	10.37	10.26
Electrical industrial apparatus	10.37	10.09	10.16	10.24	10.28	10.49	10.30	10.23	10.46	10.64	10.65	10.54	10.48
Transportation equipment	13.75	13.39	13.48	13.62	13.64	13.52	13.70	13.59	13.81	14.03	13.83	14.30	14.09
Motor vehicles and equipment	14.48	14.02	14.05	14.31	14.31	14.26	14.46	14.40	14.64	14.87	14.59	15.09	14.74
Instruments and related products	8.92	8.93	8.92	8.93	9.00	8.87	8.91	8.96	8.95	8.91	8.83	8.92	8.89
Measuring and controlling devices	9.14	8.91	9.05	9.10	9.19	9.04	9.04	9.18	9.16	9.10	9.06	9.34	9.31
Nondurable Goods[b]	9.38	9.23	9.28	9.28	9.34	9.37	9.40	9.34	9.33	9.40	9.43	9.47	9.49
Food and kindred products	9.48	9.48	9.52	9.47	9.57	9.50	9.50	9.49	9.49	9.50	9.38	9.44	9.23
Apparel and other textile products	7.15	7.16	7.15	7.15	7.25	7.10	7.20	7.27	7.10	7.09	7.11	7.17	7.07
Paper and allied products	9.41	9.48	9.44	9.42	9.41	10.07	9.41	9.42	9.46	9.40	9.44	10.11	10.19
Printing and publishing	10.11	10.04	10.03	9.98	10.14	10.19	10.23	10.14	10.09	10.11	10.08	10.08	10.20
Chemicals and allied products	11.19	10.97	11.08	11.14	11.15	11.13	11.10	11.12	11.16	11.26	11.46	11.44	11.31
Rubber and misc. plastics products	8.16	8.08	8.09	8.11	8.01	8.12	8.19	7.94	8.01	8.24	8.26	8.40	8.40
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	$12.93	$12.71	$12.65	$12.67	$12.66	$12.70	$12.74	$12.78	$13.04	$13.10	$12.96	$12.94	$13.05
WHOLESALE TRADE	8.97	8.87	8.75	8.78	8.87	8.94	8.94	8.89	8.92	9.08	9.15	9.13	9.25
RETAIL TRADE[c]	6.10	6.01	6.07	6.09	6.09	6.10	6.16	6.12	6.13	6.13	6.16	6.12	6.06
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-26-85 RS-790-4-4 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.0	41.9	42.2	42.3	42.2	42.0	42.0	41.1	41.5	42.0	42.0	42.5	42.4
Durable Goods[b]	42.5	42.2	42.8	42.8	42.9	42.5	42.6	41.4	42.0	42.6	42.5	43.1	43.0
Primary metal industries	42.3	42.0	42.6	41.9	42.5	42.5	42.2	40.3	42.4	43.0	42.7	43.6	42.2
Blast furnace and basic steel products	37.5	37.4	38.2	37.1	39.1	37.8	37.2	37.1	37.3	37.4	37.7	37.8	35.8
Iron and steel foundries	47.7	46.6	47.4	46.4	44.8	47.7	47.8	42.2	49.0	49.4	48.8	52.1	50.2
Fabricated metal products	42.7	42.0	42.6	43.1	43.3	42.8	43.5	42.2	42.9	42.1	42.1	42.8	43.2
Fabricated structural metal products	40.5	38.5	39.1	39.5	38.9	39.6	42.1	42.2	42.0	40.2	41.3	42.2	40.2
Screw machine products, bolts, etc.	45.0	46.2	46.7	46.0	45.3	45.3	46.1	43.5	43.8	44.8	44.0	45.1	43.8
Metal forgings and stampings	44.4	43.0	44.1	45.2	46.3	45.1	45.4	42.6	44.0	43.0	43.5	44.6	45.9
Machinery, except electrical	42.8	43.0	44.0	43.0	43.2	43.1	43.3	41.5	40.9	41.8	42.3	42.7	44.7
Construction and related machinery	40.5	39.5	41.0	39.5	39.8	40.1	40.9	39.9	38.9	40.4	40.4	41.7	43.9
Metalworking machinery	41.0	41.5	41.1	41.5	41.4	41.8	41.3	39.7	39.4	39.8	40.0	41.3	42.6
Special industry machinery	41.0	42.6	42.4	41.2	41.9	39.8	40.5	40.4	39.3	39.6	39.2	40.9	43.6
General industrial machinery	42.6	41.8	43.0	42.5	42.8	41.8	42.7	42.3	41.6	42.8	43.9	42.3	43.3
Electric and electronic equipment	40.9	40.3	41.8	42.3	40.9	40.7	39.5	40.2	40.4	41.2	41.1	41.5	40.4
Electrical industrial apparatus	40.6	39.9	40.7	42.4	40.5	40.8	40.2	40.2	41.0	41.8	40.8	41.2	40.4
Transportation equipment	45.1	44.5	44.3	45.0	45.4	44.6	45.6	44.1	44.7	46.6	45.2	46.5	45.1
Motor vehicles and equipment	45.9	45.3	44.9	45.3	46.4	45.3	46.2	44.3	46.2	48.4	45.7	47.8	45.4
Instruments and related products	41.6	41.2	41.3	41.8	41.6	40.2	41.8	40.1	40.4	40.9	41.0	43.7	43.6
Measuring and controlling devices	42.1	41.6	42.8	43.0	43.0	41.6	41.6	40.7	40.2	41.0	41.0	43.6	44.7
Nondurable Goods[c]	40.7	41.1	40.8	41.0	40.6	40.7	40.5	40.3	40.1	40.5	41.0	40.9	40.9
Food and kindred products	41.5	40.9	40.4	40.2	41.0	41.0	42.0	41.8	41.5	42.3	41.8	42.4	43.4
Apparel and other textile products	38.2	39.1	39.2	39.1	38.1	37.9	37.5	37.9	37.3	38.7	38.4	38.6	36.7
Paper and allied products	43.5	44.3	43.9	43.4	43.7	43.8	42.6	42.3	42.1	42.7	44.1	44.2	45.3
Printing and publishing	36.7	37.4	36.9	37.2	36.6	36.3	35.9	36.1	36.1	36.8	37.0	37.4	37.2
Chemicals and allied products	42.5	42.8	42.9	43.4	42.4	42.1	42.5	42.5	42.0	42.6	42.6	42.0	42.7
Rubber and misc. plastics products	42.4	43.1	42.9	43.7	42.4	43.2	42.5	41.2	41.3	41.6	42.7	42.9	41.7
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.8	41.1	40.5	40.6	40.6	40.6	41.0	40.9	41.1	41.0	40.7	40.8	40.7
WHOLESALE TRADE	39.4	39.6	39.9	39.1	39.5	39.8	39.5	39.3	39.3	39.3	39.4	39.4	39.8
RETAIL TRADE	28.7	28.1	28.2	28.2	28.4	28.5	29.2	29.6	29.2	28.9	28.6	28.3	29.4
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Modina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [e]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-17-85 RS-790-3-4 (1984)

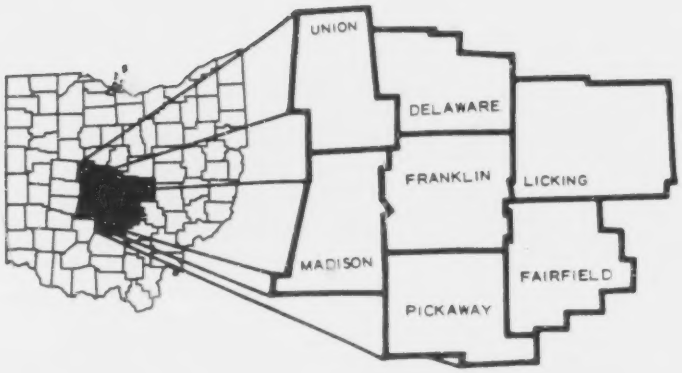
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$456.12	$448.75	$454.92	$457.63	$457.45	$455.28	$454.66	$439.36	$448.62	$458.64	$458.22	$471.75	$471.06
Durable Goods[b]	488.35	475.17	484.92	487.49	488.20	483.65	483.94	463.68	477.54	489.05	487.05	503.84	502.24
Primary metal industries	542.71	518.70	540.17	531.29	537.20	544.88	535.94	502.94	545.26	559.86	558.52	564.68	562.53
Blast furnace and basic steel products	492.75	473.48	505.33	485.64	516.90	500.09	485.46	443.78	488.26	490.31	501.03	503.50	478.65
Iron and steel foundries	729.33	681.29	705.89	693.22	681.25	723.61	718.91	617.39	750.68	775.58	761.28	853.92	816.75
Fabricated metal products	480.28	449.40	457.10	472.38	479.76	484.09	476.33	452.38	466.32	457.63	455.10	472.08	486.86
Fabricated structural metal products	374.24	323.08	337.82	344.84	337.26	351.65	377.22	386.55	382.20	363.01	367.98	379.80	368.58
Screw machine products, bolts, etc.	436.50	480.02	476.34	463.22	448.02	438.96	438.41	407.16	408.65	430.08	420.64	428.45	404.71
Metal forgings and stampings	543.38	552.12	558.01	601.61	627.83	605.24	612.90	564.45	589.16	569.32	574.64	603.44	644.44
Machinery, except electrical	466.66	477.73	492.36	473.86	473.47	474.53	475.00	445.30	459.27	449.35	460.22	462.87	496.62
Construction and related machinery	474.66	434.34	503.07	474.40	476.01	475.19	477.30	436.46	433.57	419.35	456.12	471.63	498.70
Metalworking machinery	410.82	429.70	422.51	422.89	418.37	424.69	417.96	396.60	389.67	386.01	390.40	400.20	416.20
Special industry machinery	478.88	509.50	500.26	489.04	491.07	493.72	463.32	462.38	453.13	457.78	453.15	476.08	522.76
General industrial machinery	420.46	412.88	426.44	417.78	418.16	411.31	412.06	407.35	401.44	422.86	436.81	428.50	442.53
Electric and electronic equipment	413.91	403.00	418.64	426.38	408.59	407.41	392.24	406.42	410.06	422.71	422.92	430.36	414.50
Electrical industrial apparatus	421.02	369.74	411.07	434.18	416.34	425.54	414.06	411.25	428.86	444.75	434.52	434.25	423.39
Transportation equipment	620.13	599.86	593.62	612.30	619.26	602.99	624.72	593.32	617.31	653.80	625.12	664.99	635.46
Motor vehicles and equipment	664.63	638.11	630.85	648.24	667.70	645.98	668.05	637.92	676.37	719.71	666.76	718.43	669.20
Instruments and related products	371.07	367.92	368.40	375.78	374.40	356.57	372.44	359.30	361.58	364.42	362.03	389.80	387.60
Measuring and controlling devices	384.79	373.96	387.34	391.30	385.17	376.06	376.06	373.63	368.23	373.10	372.28	407.22	416.16
Nondurable Goods[c]	390.36	374.35	376.62	380.48	373.20	381.36	380.70	376.40	374.13	380.70	386.63	387.32	388.14
Food and kindred products	392.59	387.73	384.61	380.69	392.37	389.50	389.00	386.68	391.35	401.85	392.08	400.26	400.58
Apparel and other textile products	273.13	279.96	290.28	279.57	276.23	269.09	270.00	275.53	264.83	274.38	273.02	276.76	259.47
Paper and allied products	431.09	413.46	434.17	421.85	433.07	441.07	422.17	419.62	419.11	422.73	438.35	446.86	461.61
Printing and publishing	371.04	375.50	370.11	371.26	371.12	369.90	367.26	366.05	364.25	372.05	372.96	376.99	379.44
Chemicals and allied products	479.66	466.52	474.33	483.48	472.76	488.57	471.75	472.60	466.72	479.68	488.20	480.48	482.44
Rubber and plastic products	349.98	349.29	347.86	351.16	344.62	350.78	348.08	327.13	330.81	342.78	352.70	360.36	350.28
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	$523.46	$522.38	$512.33	$514.40	$514.00	$515.62	$524.39	$522.70	$539.94	$537.10	$527.47	$529.99	$523.00
WHOLESALE TRADE	353.42	351.25	340.38	343.30	350.37	353.82	353.13	352.91	350.56	356.84	360.51	359.72	368.15
RETAIL TRADE[d]	175.07	168.88	171.17	171.74	172.96	173.85	179.87	181.15	179.00	177.16	176.18	173.20	178.16
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	253.44	241.23	255.60	252.15	252.23	246.65	252.74	255.93	254.75	252.28	251.40	255.94	260.15

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; stone, clay, and glass products, miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-11-85 RS-790-2-4 (1984)

COLUMBUS METROPOLITAN STATISTICAL AREA



The estimated annual average civilian labor force in the Columbus MSA, based on place of residence, rose 13,300 from 1983 to 660,900 in 1984. Employment increased 23,900 over the year; unemployment dropped 10,600 to a 1984 total of 49,600. The unemployment rate declined from 9.3 percent in 1983 to 7.5 percent in 1984 (see table, top of page 65).

Nonagricultural wage and salary employment in the Columbus area increased 4.8 percent from 1983, to 574,600 in 1984. This change was higher than the 3.8 percent statewide improvement, due chiefly to the fact that Columbus has a much smaller concentration of manufacturing than other areas of the state. Most of the employment shrinkage in Columbus between 1979 and 1983 occurred in manufacturing industries, especially electric and electronic equipment, machinery, except electrical, and fabricated metal products (see table, bottom of page 65). Employment in construction, transportation and public utilities, and government also declined. However, all other nonmanufacturing industries registered higher employment levels, led by services and finance, insurance, and real estate. With expansion in nearly every manufacturing and nonmanufacturing category between 1983 and 1984, Columbus had the highest area recovery rate in the state, 257.8 percent.

COLUMBUS MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)

*Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

COLUMBUS METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Columbus	Ohio	U.S.
1970	433.7	415.2	18.4	4.3	5.4	4.9
1971	445.6	425.6	20.0	4.5	6.5	5.9
1972	463.1	450.2	18.9	4.0	5.5	5.6
1973	485.5	468.3	17.1	3.5	4.3	4.9
1974	495.4	475.5	19.9	4.0	4.8	5.6
1975	495.0	458.6	36.5	7.4	9.1	8.5
1976	503.6	468.5	35.1	7.0	7.8	7.7
1977	513.4	483.3	30.1	5.9	6.5	7.1
1978	531.4	506.5	24.9	4.7	5.4	6.1
1979	543.0	517.1	25.8	4.8	5.9	5.8
1980	554.7	523.4	31.4	5.7	8.4	7.1
1981	562.4	519.1	43.3	7.7	9.6	7.6
1982	567.4	516.4	51.0	9.0	12.5	9.7
1983[c]	647.6	587.4	60.2	9.3	12.2	9.6
1984[c]	660.9	611.3	49.6	7.5	9.4	7.5

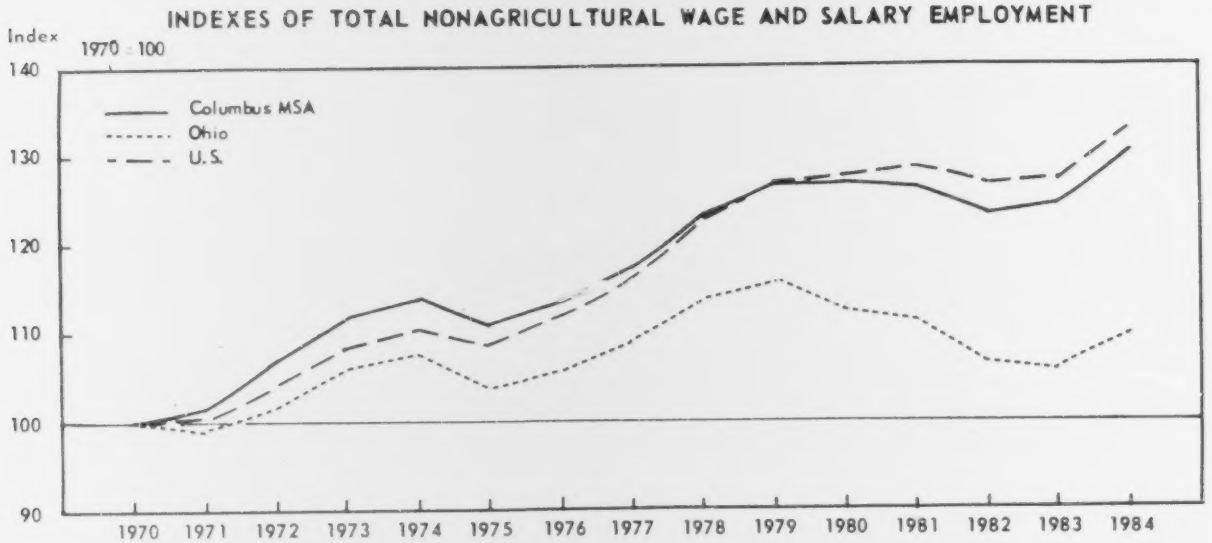
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force. [c]Not comparable to previous years due to area redefinition (see page 104).

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE COLUMBUS METROPOLITAN STATISTICAL AREA
1974, 1983, AND 1984

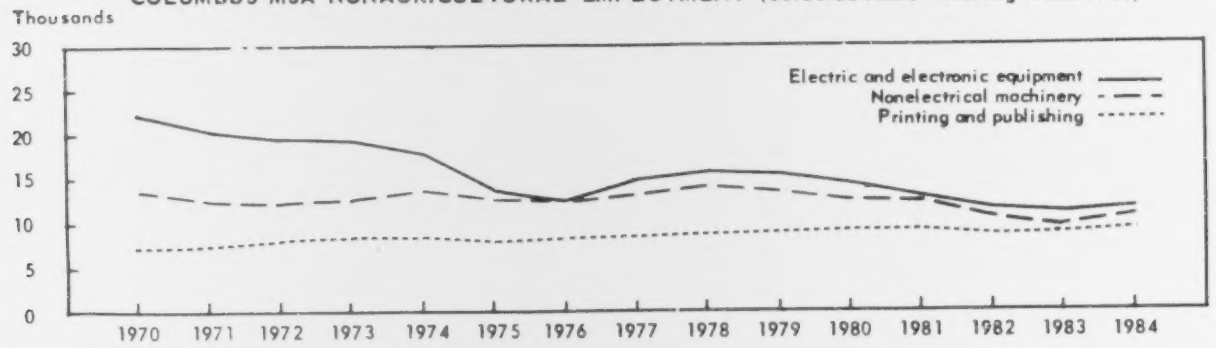
Industry	Employment (in thousands) 1974	1983	1984	Employment Change 1974-1983	1983-1984	Percent Recovery Columbus	Ohio
TOTAL	558.5	548.3	574.6	- 10.2	26.3	250.0	39.5
MANUFACTURING	117.8	98.7	104.5	- 19.1	5.8	30.4	16.7
Durable Goods	79.1	63.5	68.7	- 15.6	5.2	33.3	16.6
Fabricated metal products	13.0	9.9	10.5	- 3.1	.6	19.4	18.8
Machinery, except electrical	13.2	9.5	10.7	- 3.7	1.2	32.4	18.5
Electric and electronic equipment	15.5	11.1	11.7	- 4.4	.6	13.6	12.4
Nondurable Goods	38.7	35.2	35.8	- 3.5	.6	17.1	28.4
Food and kindred products	11.0	10.3	10.1	- .7	- .2	-	-
Printing and publishing	8.9	8.4	9.1	- .5	.7	+	28.0
CONSTRUCTION	29.0	16.8	19.2	- 6.2	2.4	38.7	29.2
TRANSPORTATION AND PUBLIC UTILITIES	27.3	24.7	26.5	- 2.6	1.8	69.2	21.4
Communication, electric, gas services	11.7	11.7	12.1	.0	.4	+	+
WHOLESALE TRADE	28.8	29.0	30.8	.2	1.8	+	100.1
RETAIL TRADE	101.4	102.9	108.9	1.5	6.0	+	46.2
FINANCE, INSURANCE, AND REAL ESTATE	36.2	44.4	46.7	8.2	1.8	+	+
Insurance carriers	16.9	18.7	18.9	1.8	.2	+	50.7
SERVICES	108.7	119.6	126.9	10.9	7.3	+	+
GOVERNMENT	111.9	110.5	109.7	- 1.4	- .8	-	-
Federal government	14.6	14.3	14.6	- .3	.3	18.2	40.7
State government	48.4	48.8	48.5	.0	- .3	-	+
Local government	48.5	47.4	46.8	- 1.1	- .6	-	-

+ No downturn, 1974-1983
- No upturn, 1983-1984

INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



COLUMBUS MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



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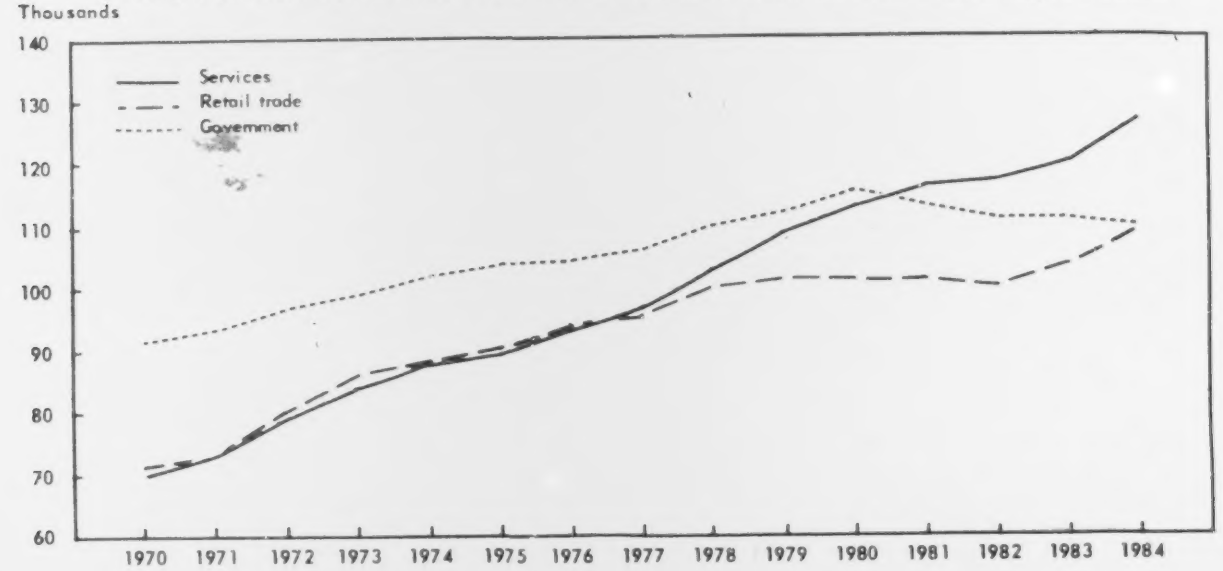
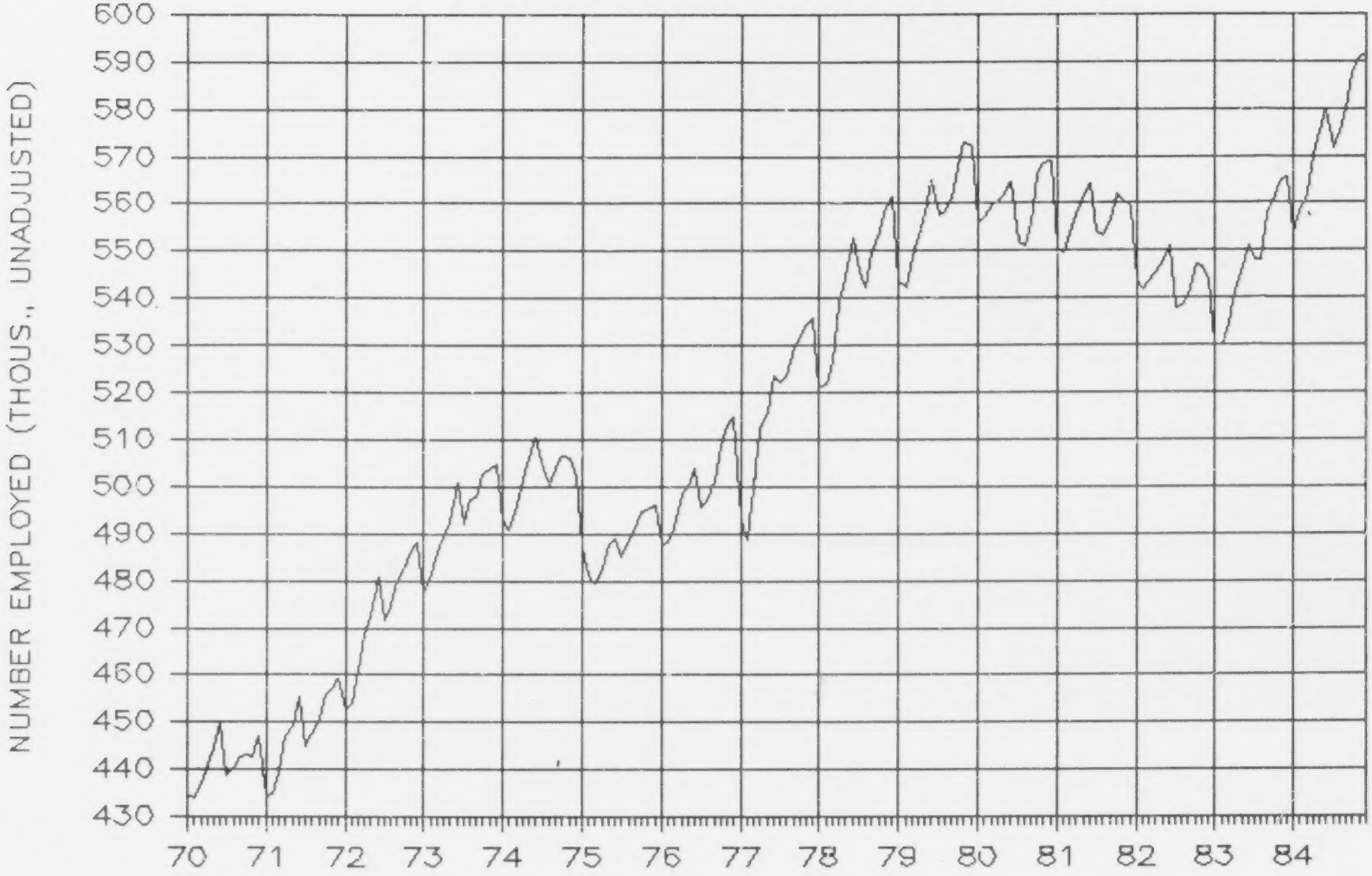


COLUMBUS MSA

TOTAL NON–AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	574.6	553.7	558.3	561.8	569.9	575.0	580.0	571.7	575.0	579.9	587.5	590.7	591.6
MANUFACTURING	104.5	101.5	102.2	102.9	104.0	104.3	105.2	104.6	105.3	106.1	105.8	106.1	106.0
Durable Goods[b]	68.7	66.2	66.8	67.4	68.5	68.5	69.2	68.8	69.3	70.0	69.7	70.0	70.1
Stone, clay, and glass products	12.3	12.0	12.1	12.2	12.3	12.4	12.5	12.3	12.3	12.6	12.7	12.4	12.3
Glass and glassware, pressed or blown	5.2	5.1	5.2	5.3	5.2	5.3	5.3	5.2	5.2	5.3	5.3	5.2	5.2
Fabricated metal products	10.5	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.5	10.7	10.4	10.8	10.8
Fabricated structural metal products	3.1	3.0	3.0	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2
Machinery, except electrical	10.7	10.2	10.4	10.4	10.6	10.8	10.9	11.0	11.0	11.0	10.7	10.7	10.7
Electric and electronic equipment	11.7	11.3	11.4	11.3	11.6	11.7	11.8	11.7	11.8	12.0	12.0	12.0	12.0
Transportation equipment	12.9	12.3	12.4	12.5	12.7	13.0	13.1	13.0	13.1	13.0	13.0	13.3	13.5
Instruments and related products	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	4.0	4.0	4.0	3.9
Nondurable Goods[c]	35.8	35.3	35.4	35.5	35.5	35.8	36.1	35.8	36.1	36.1	36.1	36.1	35.9
Food and kindred products	10.1	10.1	10.1	10.2	10.1	10.1	10.2	9.9	10.2	10.2	10.2	10.1	10.1
Printing and publishing	9.1	9.0	9.0	9.0	8.9	9.0	9.0	9.0	9.0	9.1	9.2	9.2	9.1
Chemicals and allied products	6.8	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.7	6.7	6.7	6.6
Rubber and miscellaneous plastics products	5.0	4.8	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.2	5.2	5.1	5.1
NONMANUFACTURING[d]	470.1	452.2	456.1	458.9	465.9	470.7	474.8	467.2	469.6	473.8	481.8	484.6	485.7
CONSTRUCTION	19.2	16.0	16.0	16.1	17.7	18.9	20.0	20.8	21.2	21.1	21.1	20.9	20.1
TRANSPORTATION AND PUBLIC UTILITIES	26.5	25.4	25.8	25.8	25.9	26.2	26.2	26.7	27.0	27.3	27.4	27.2	27.5
Trucking and warehousing	10.6	9.5	9.9	9.9	9.9	10.1	10.2	10.6	11.0	11.3	11.4	11.4	11.7
Communication and electric, gas services	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.1	12.1	12.1	12.1	11.9	11.9
WHOLESALE TRADE	30.8	29.8	30.0	30.2	30.5	30.7	30.9	30.9	31.2	31.2	31.3	31.5	31.5
Wholesale trade durable goods	20.0	19.4	19.5	19.7	19.7	19.9	20.0	20.0	20.3	20.2	20.3	20.4	20.4
RETAIL TRADE	108.9	104.7	104.0	104.6	107.0	108.8	109.5	108.6	109.6	110.1	111.0	113.7	115.5
General merchandise stores	15.8	15.8	15.2	15.0	15.0	15.0	15.2	15.0	15.2	15.5	16.1	17.7	18.6
FINANCE, INSURANCE, AND REAL ESTATE	46.7	45.4	45.7	45.8	46.1	46.3	47.0	47.3	47.5	47.1	47.3	47.4	47.8
Banking	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.5	9.4	9.5
Insurance carriers	18.9	18.8	18.8	18.9	18.8	18.8	19.0	19.1	19.1	18.9	18.9	19.0	19.0
SERVICES	126.9	120.3	121.8	123.1	125.1	126.7	129.1	129.5	129.3	129.1	130.0	130.1	128.5
Business services	25.5	23.3	23.6	24.0	24.5	24.8	25.6	26.4	26.5	26.7	26.8	26.9	27.1
Health services	34.1	33.2	33.4	33.4	33.7	33.9	34.3	34.4	34.3	34.1	34.6	34.6	34.6
GOVERNMENT	109.9	109.5	111.8	112.2	113.5	112.0	110.8	102.1	102.6	106.8	112.3	112.8	113.7
Federal government	14.6	14.2	14.3	14.3	14.3	14.3	14.7	14.8	14.8	15.0	14.8	14.8	14.9
State government	48.5	47.6	50.0	50.2	50.1	49.4	50.2	44.2	44.9	45.3	49.7	49.8	50.6
State government education[e]	20.1	19.1	21.2	21.6	21.3	21.2	21.7	16.0	16.5	17.3	21.7	21.8	22.4
State government, except education	28.3	28.5	28.8	28.6	28.8	28.3	28.5	28.3	28.4	27.9	27.9	28.0	28.2
Local government	46.8	47.7	47.5	47.6	48.2	48.2	45.9	43.1	43.0	46.6	47.9	48.2	48.3
Local government education	27.1	28.2	28.2	28.3	28.7	28.7	25.6	22.4	22.9	27.1	28.3	28.6	28.6
Local government, except education	19.7	19.4	19.3	19.3	19.5	19.5	20.3	20.7	20.1	19.5	19.6	19.6	19.6

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes. [f]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-3-85 RS-790-1-5 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	548.5	530.1	530.1	534.4	541.6	546.6	551.2	548.5	549.2	558.1	561.9	565.9	565.6
MANUFACTURING	98.7	95.9	96.2	96.5	97.4	97.7	98.3	98.7	99.8	100.7	100.9	101.6	101.2
Durable Goods[b]	63.5	60.8	61.3	61.4	62.3	62.7	63.0	63.5	64.6	65.3	65.4	66.2	65.8
Stone, clay, and glass products	12.8	12.3	12.3	12.6	12.6	12.6	12.9	12.8	13.0	13.0	12.9	13.0	12.3
Glass and glassware, pressed or blown	5.6	5.7	5.9	5.9	5.8	5.8	5.8	5.4	5.6	5.7	5.6	5.6	4.9
Fabricated metal products	9.8	9.1	9.4	9.6	9.8	9.9	9.8	9.9	10.0	10.1	10.1	10.2	10.2
Fabricated structural metal products	3.1	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0
Machinery, except electrical	9.5	9.4	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.6	9.7	9.8	9.9
Electric and electronic equipment	11.1	11.0	10.9	11.0	10.9	10.9	10.8	11.0	11.1	11.3	11.4	11.5	11.3
Transportation equipment	10.9	9.8	10.0	10.1	10.4	10.6	10.9	11.2	11.3	11.6	11.6	11.9	12.1
Instruments and related products	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.9	3.9	3.9	3.9	3.9	4.0
Nondurable Goods[c]	35.4	35.1	34.9	35.1	35.0	35.0	35.4	35.2	35.2	35.5	35.6	35.4	35.3
Food and kindred products	10.3	10.3	10.3	10.5	10.5	10.3	10.4	10.2	10.3	10.3	10.2	10.1	10.2
Printing and publishing	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.9	8.8	8.8	9.1	9.0	9.1
Chemicals and allied products	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.7	6.7
Rubber and misc. plastics products	4.4	4.2	4.2	4.2	4.1	4.1	4.3	4.4	4.5	4.7	4.6	4.6	4.7
NONMANUFACTURING[d]	449.7	434.2	434.0	437.8	444.2	448.9	452.9	449.8	449.4	457.4	460.9	463.3	464.4
CONSTRUCTION	16.8	13.9	13.5	14.3	15.8	16.1	17.3	18.0	18.9	19.1	19.1	18.9	17.9
TRANSPORTATION AND PUBLIC UTILITIES	24.7	24.2	24.1	24.3	24.5	24.7	25.0	25.1	25.4	25.5	25.4	25.5	25.8
Trucking and warehousing	9.0	8.5	8.5	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.5	9.6	9.9
Communication, electric, gas services	11.7	11.9	11.9	11.9	11.9	11.9	12.0	11.9	11.9	12.0	12.0	12.1	12.1
WHOLESALE TRADE	29.2	29.1	29.1	29.2	29.6	29.8	29.9	29.7	29.9	29.9	29.8	29.8	29.8
Wholesale trade-durable goods	19.7	19.1	19.0	19.1	19.3	19.4	19.6	19.7	19.9	19.1	19.3	19.3	19.3
RETAIL TRADE	100.9	98.5	98.2	97.8	100.4	100.4	103.0	103.1	104.2	105.6	105.5	106.5	109.9
General merchandise stores	15.3	14.8	14.5	14.8	14.9	14.7	14.9	14.8	15.1	15.2	15.2	16.5	17.4
FINANCE, INSURANCE, AND REAL ESTATE	43.8	43.8	44.1	44.2	44.4	44.7	45.3	45.2	45.8	45.8	45.5	45.5	45.8
Banking	9.0	9.0	9.0	9.1	9.1	9.1	9.2	9.3	9.3	9.4	9.3	9.3	9.3
Insurance carriers	18.8	18.7	18.7	18.7	18.7	18.8	18.9	18.8	18.9	18.7	18.8	18.9	19.0
SERVICES	119.6	114.2	115.0	116.3	118.3	119.4	121.2	121.6	122.3	123.5	123.8	123.4	121.8
Business services	30.6	29.6	29.8	31.0	31.4	31.8	32.4	32.7	32.9	33.1	33.1	33.2	33.6
Health services	33.6	32.7	32.7	32.9	33.0	33.0	33.2	33.3	33.4	33.4	33.4	33.4	33.4
GOVERNMENT	110.5	110.5	111.8	112.3	111.9	111.7	111.0	108.4	105.5	108.0	111.9	112.3	110.6
Federal government	14.3	14.2	14.1	14.2	14.2	14.2	14.4	14.4	14.3	14.3	14.3	14.4	14.3
State government	48.8	49.2	50.1	50.3	50.5	49.8	49.4	45.2	44.8	45.9	49.9	50.0	50.5
State government education[e]	19.7	19.7	20.7	20.8	21.2	20.6	20.3	15.8	15.7	17.1	21.0	21.3	21.9
State government, except education	29.1	29.5	29.4	29.5	29.3	29.2	29.0	29.3	29.1	28.8	28.7	28.7	28.6
Local government	47.4	47.1	47.6	47.8	47.3	47.7	47.2	48.8	46.4	47.8	47.8	47.9	47.7
Local government education	28.8	27.7	28.2	27.9	27.3	27.3	26.1	26.6	22.3	27.2	28.1	28.4	28.3
Local government, except education	20.6	19.4	19.4	19.7	20.0	20.4	21.2	24.2	24.0	20.6	19.7	19.5	19.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestic, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes. [f]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 [illegible] (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	441.5	448.1	472.8	493.9	501.8	488.2	500.0	517.6	543.2	558.5	560.2	556.9	544.0
MANUFACTURING	116.4	111.9	115.0	120.7	119.4	106.6	108.1	113.6	117.0	117.8	112.6	109.1	101.0
Durable Goods[b]	82.9	78.3	79.8	83.5	82.1	71.8	72.9	77.3	79.5	79.1	73.8	71.1	64.9
Stone, clay, and glass products	13.4	13.8	14.6	15.2	15.2	13.9	14.6	14.9	15.0	14.5	14.1	13.7	12.8
Fabricated metal products	10.5	10.6	10.8	11.7	10.9	10.1	10.9	12.1	12.7	13.0	12.0	12.2	9.8
Machinery, except electrical	13.4	12.5	12.4	12.8	13.5	12.4	12.4	13.2	13.8	13.2	12.6	12.3	10.9
Electric and electronic equipment	22.4	20.3	19.5	19.2	17.9	13.9	12.8	14.8	15.6	15.5	14.5	13.0	11.9
Transportation equipment	9.8	8.3	9.1	9.6	9.7	9.0	9.8	9.3	8.5	8.7	8.6	8.7	9.5
Nondurable Goods[c]	33.5	33.6	35.2	37.2	37.3	34.8	35.2	36.4	37.5	38.7	38.8	38.0	36.1
Food and kindred products	9.5	10.0	10.5	11.5	11.8	11.5	11.1	11.2	10.9	11.0	11.2	11.1	10.6
Printing and publishing	7.1	7.4	7.7	8.1	8.1	7.9	8.0	8.3	8.6	8.9	9.2	9.1	8.8
Chemicals and allied products	5.8	5.6	5.9	6.2	6.4	6.2	6.3	6.5	6.8	7.0	7.2	7.1	7.0
Rubber and misc. plastics products						3.6	4.0	4.3	4.8	5.4	4.9	5.0	4.5
NONMANUFACTURING[d]	325.1	336.1	357.9	373.2	382.4	381.5	392.0	403.9	426.2	440.6	447.7	447.8	443.0
CONSTRUCTION	20.9	22.3	24.9	25.1	23.3	19.4	18.9	20.0	21.7	23.0	21.2	19.2	16.0
TRANSPORTATION AND PUBLIC UTILITIES	24.5	24.8	24.9	25.4	25.1	23.8	24.3	25.4	26.6	27.3	26.8	26.3	25.3
Communication, electric, gas services	10.7	10.9	10.9	11.1	11.3	11.1	10.8	11.0	11.5	11.7	11.9	12.4	12.3
WHOLESALE TRADE	19.4	20.0	21.4	22.7	23.5	23.3	24.3	26.0	27.8	28.8	28.5	28.5	29.4
RETAIL TRADE	70.9	73.0	73.9	85.7	88.2	89.7	93.8	94.9	99.8	101.4	101.0	101.0	100.3
FINANCE, INSURANCE, AND REAL ESTATE	25.9	27.3	29.3	30.7	31.6	31.5	32.2	33.2	35.7	38.3	40.1	41.8	43.5
Banking	5.3	5.5	5.7	6.0	6.3	6.4	6.5	6.6	7.1	8.0	8.4	8.7	9.0
Insurance carriers	12.5	12.6	13.0	13.5	14.0	14.0	14.0	14.5	15.8	16.9	17.6	18.1	18.6
SERVICES	69.4	73.4	79.1	83.9	87.5	88.9	93.4	97.3	103.4	108.7	113.2	116.2	117.4
GOVERNMENT	92.3	94.1	97.2	98.5	102.0	103.8	104.0	105.8	109.9	111.9	115.4	113.4	110.7
Federal government	16.2	15.9	16.1	16.2	16.5	16.0	15.2	15.0	14.8	14.6	14.7	14.5	14.5
State government	40.9	41.3	42.2	42.6	43.9	44.2	43.8	45.0	47.0	48.8	49.8	49.6	48.8
State government education[f]	18.9	19.1	18.9	17.9	17.8	18.1	18.0	18.2	18.7	19.5	20.1	19.6	19.0
State government, except education	22.0	22.2	23.3	24.7	26.1	26.1	25.7	26.8	28.3	29.3	29.8	30.0	29.7
Local government	35.3	37.0	38.9	39.7	41.6	43.6	45.1	45.8	48.2	48.5	50.8	49.3	47.5
Local government education	21.4	22.0	22.9	23.4	24.3	25.4	26.1	25.1	25.6	26.8	28.2	28.4	27.7
Local government, except education	13.9	15.0	15.9	16.4	17.3	18.2	18.9	20.6	22.6	21.7	22.6	20.9	19.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products, furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products, apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes. [f]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-28-85 RS-790-0-5

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.52	$10.48	$10.42	$10.44	$10.44	$10.46	$10.48	$10.40	$10.50	$10.55	$10.51	$10.71	$10.73
Durable Goods[b]	10.84	10.86	10.72	10.73	10.74	10.76	10.80	10.68	10.81	10.85	10.78	11.07	11.13
Stone, clay, and glass products	11.14	10.78	10.60	10.79	10.89	11.00	11.24	11.09	11.12	11.27	11.33	11.59	11.79
Glass and glassware, pressed or blown	10.74	10.56	10.42	10.49	10.62	10.75	10.96	10.70	10.78	10.94	11.06	11.08	11.13
Fabricated metal products	11.88	12.41	12.16	12.16	11.89	11.85	11.90	11.81	11.76	11.59	11.43	11.75	11.78
Fabricated structural metal products	9.74	9.99	9.92	9.77	9.71	9.84	9.73	9.70	9.58	9.57	9.61	9.92	9.53
Machinery, except electrical	9.91	10.02	9.87	9.79	9.88	9.86	10.01	9.86	9.89	9.88	9.81	9.97	10.01
Electric and electronic equipment	10.44	10.17	10.15	10.19	10.28	10.39	10.45	10.18	10.68	10.70	10.66	10.69	11.14
Transportation equipment	11.93	11.71	11.46	11.46	11.59	11.60	11.61	11.73	12.02	12.31	12.05	12.77	12.13
Instruments and related products	9.10	9.20	9.60	9.29	9.18	9.05	8.82	8.71	8.80	9.08	9.18	9.10	9.06
Nondurable Goods[c]	9.76	9.69	9.73	9.77	9.72	9.77	9.74	9.75	9.77	9.84	9.84	9.76	9.81
Food and kindred products	9.41	9.21	9.27	9.38	9.30	9.42	9.46	9.42	9.41	9.47	9.41	9.59	9.59
Printing and publishing	11.69	11.47	11.59	11.63	11.68	11.75	11.74	11.76	11.75	11.81	11.70	11.64	11.73
Chemicals and allied products	11.02	10.81	10.95	11.04	10.96	10.90	10.86	10.97	11.02	11.09	11.27	11.16	11.28
Rubber and misc. plastics products	7.69	7.73	7.66	7.67	7.73	7.68	7.65	7.57	7.65	7.61	7.81	7.69	7.76
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	12.68	12.41	12.40	12.39	12.49	12.67	12.78	12.77	13.01	12.94	12.87	12.80	12.66
WHOLESALE TRADE	7.61	7.49	7.40	7.72	7.70	7.61	7.61	7.72	7.59	7.70	7.62	7.62	7.63
RETAIL TRADE[d]	5.64	5.64	5.55	5.57	5.60	5.62	5.62	5.58	5.58	5.65	5.72	5.73	5.78
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-20-85 85-7K-4-5 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	40.5	40.9	40.1	40.4	40.2	40.1	40.3	40.0	40.4	40.3	40.1	41.2	41.7
Durable Goods[b]	40.8	41.5	40.5	40.7	40.7	40.6	40.5	40.3	40.9	40.5	40.3	41.6	41.8
Stone, clay, and glass products	40.0	39.1	38.2	39.0	39.5	39.6	40.0	38.7	40.2	40.4	40.0	41.8	43.8
Glass and glassware, pressed or blown.	38.0	36.7	37.1	37.7	38.2	37.6	38.6	36.8	37.9	38.9	38.9	39.0	38.0
Fabricated metal products	40.4	43.3	42.1	40.4	40.3	40.2	40.0	40.4	40.3	39.1	39.0	39.8	40.4
Fabricated structural metal products	40.9	41.6	41.6	38.9	40.5	41.0	40.9	40.5	40.7	40.3	40.8	42.0	42.2
Machinery, except electrical	41.5	43.7	42.1	40.9	42.2	41.2	42.0	41.7	40.7	41.2	40.1	41.0	41.2
Electric and electronic equipment	41.3	40.9	40.8	40.7	41.0	41.3	41.0	40.6	41.6	41.9	40.9	40.8	43.3
Transportation equipment	43.1	43.3	41.8	44.6	42.1	42.2	41.5	42.3	44.8	42.7	42.7	47.0	42.7
Instruments and related products	38.2	39.0	38.2	39.8	37.9	38.3	36.5	36.2	36.0	37.4	39.3	40.0	39.7
Nondurable Goods[c]	39.7	39.5	39.3	39.6	39.0	39.1	39.6	39.3	39.2	39.7	39.7	40.6	41.2
Food and kindred products	37.3	36.5	37.6	37.4	36.3	36.3	38.3	37.1	37.0	37.1	37.1	38.0	39.1
Printing and publishing	39.1	37.8	37.8	38.0	38.4	38.6	38.1	39.2	38.7	39.4	39.6	41.1	41.4
Chemicals and allied products	41.7	42.3	42.3	42.9	42.0	41.6	41.0	40.4	39.6	41.5	42.0	42.0	43.0
Rubber and misc. plastics products	41.1	40.9	39.5	40.7	39.9	39.5	42.2	40.7	42.6	42.2	40.6	42.0	41.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.7	40.9	40.6	40.4	40.9	40.8	41.0	41.0	40.9	41.0	40.6	40.7	40.1
WHOLESALE TRADE	39.3	39.1	38.9	39.1	39.3	39.6	39.8	39.4	39.1	39.5	39.4	39.4	39.4
RETAIL TRADE	28.8	28.6	28.3	28.3	28.5	28.4	29.1	29.4	29.2	28.6	28.3	28.4	29.7
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-85 RS-790-3-5 (1984)

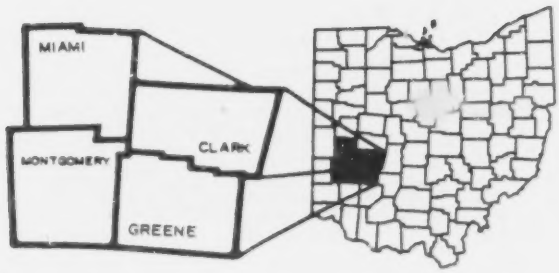
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$426.06	$429.63	$417.84	$421.78	$419.69	$419.45	$422.34	$416.00	$424.20	$425.17	$421.45	$441.25	$447.44
Durable Goods[b]	440.27	440.69	434.16	436.71	437.12	436.86	437.40	430.40	442.13	439.43	434.43	460.51	465.23
Stone, clay, and glass products	449.60	421.50	404.92	420.81	430.16	435.60	449.60	429.18	447.02	455.31	453.20	484.46	516.40
Glass and glassware, pressed or blown	410.03	397.55	386.98	395.47	405.68	404.20	423.06	393.75	408.56	435.57	430.23	432.12	422.94
Fabricated metal products	479.95	507.35	511.04	491.20	479.17	476.37	476.00	477.12	473.93	453.17	445.77	467.65	475.91
Fabricated structural metal products	388.37	415.58	412.67	380.05	395.28	403.44	397.96	392.85	389.91	385.67	392.09	416.64	409.17
Machinery, except electrical	411.27	437.87	415.53	400.41	416.94	410.35	420.42	411.16	402.52	407.06	393.38	408.77	412.41
Electric and electronic equipment	433.24	415.95	414.12	414.73	421.48	428.11	428.45	413.31	444.29	448.33	435.99	436.15	482.36
Transportation equipment	512.89	507.04	479.86	511.12	487.94	489.52	481.82	498.72	538.50	525.64	514.54	600.19	517.95
Instruments and related products	347.62	358.80	366.72	369.74	347.92	346.62	321.93	315.30	316.80	339.59	360.77	364.00	359.68
Nondurable Goods[c]	387.47	389.39	382.34	386.89	373.08	380.01	385.70	383.19	382.38	390.65	390.65	396.26	404.17
Food and kindred products	360.99	339.17	348.56	350.81	337.59	341.95	362.32	349.48	348.17	351.34	349.11	364.42	374.97
Printing and publishing	457.08	433.57	438.10	441.94	448.51	453.55	447.29	460.99	454.73	465.31	463.32	478.40	485.62
Chemicals and allied products	494.53	457.06	463.19	471.62	456.12	453.44	445.26	443.19	436.39	460.24	473.34	468.72	485.04
Rubber and misc. plastics products	316.06	316.16	302.57	312.17	308.43	303.36	322.83	308.10	325.89	321.14	317.09	322.98	325.14
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	518.08	507.57	503.44	500.96	510.64	516.94	523.98	503.57	532.11	530.54	522.52	520.96	507.67
WHOLESALE TRADE	299.07	290.51	287.96	301.85	304.61	301.36	302.88	304.17	296.77	304.15	300.23	300.23	300.62
RETAIL TRADE[d]	162.43	161.39	157.07	157.63	159.60	159.61	163.54	164.05	162.94	161.59	161.88	162.73	171.67
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	242.24	240.27	243.65	242.53	242.14	242.03	242.37	245.01	243.61	241.41	241.37	238.11	243.66

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan statistical area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products, leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 RS-7984-5 (1984)

DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA

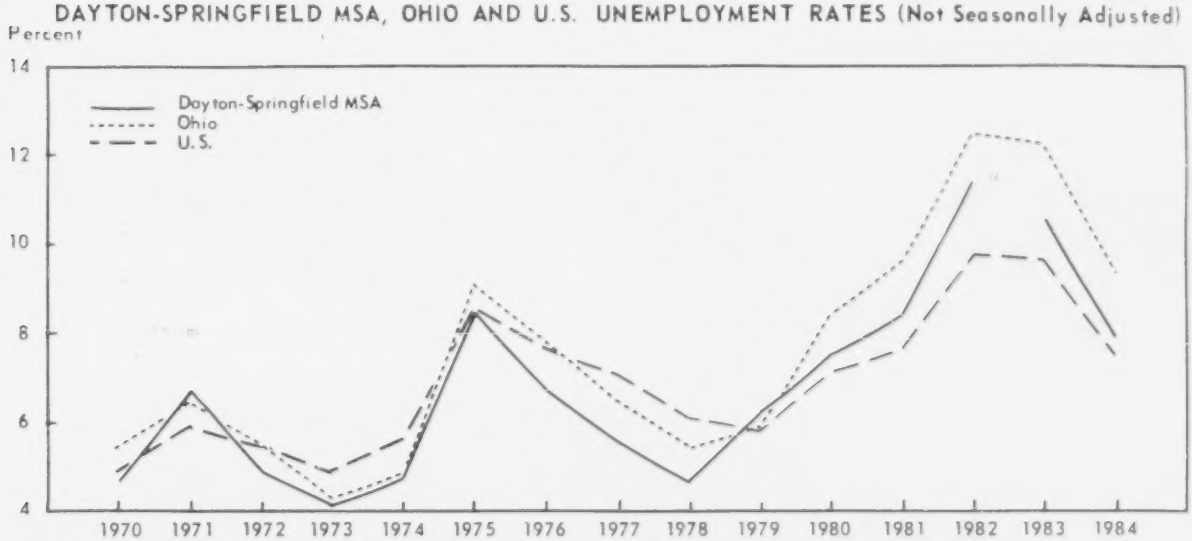


In the Dayton-Springfield MSA, the estimated annual average civilian labor force, based on place of residence, edged upward 6,100 from 1983 to 444,500 in 1984. Employment rose 17,300 over the year, while unemployment dropped 11,200 to a 1984 total of 35,300. The unemployment rate declined from 10.6 percent in 1983 to 7.9 percent in 1984 (see table, top of page 75).

From 1979 to 1983, manufacturing employment in the Dayton-Springfield metropolitan area declined 22.0 percent. Plant closings in electric and electronic equipment resulted in a 52.4 percent drop in that industry. Significant declines also occurred in nonelectrical machinery, retail trade, construction, and rubber and miscellaneous plastics products. Employment increased during the period in services, wholesale trade, and finance, insurance, and real estate.

Total nonagricultural wage and salary employment in the Dayton-Springfield area rose 5.2 percent, from 372,300 in 1983 to 391,600 in 1984. Improvements were reported in virtually every nonfarm industry. Highest recovery rates occurred in transportation equipment, retail trade, transportation and public utilities, and nonelectrical machinery (see table, bottom of page 75).

DAYTON-SPRINGFIELD MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



*Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

DAYTON–SPRINGFIELD METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Dayton–Springfield	Ohio	U.S.
1970	353.9	337.4	16.5	4.7	5.4	4.9
1971	349.5	326.1	23.3	6.7	6.5	5.9
1972	353.5	336.2	17.3	4.9	5.5	5.6
1973	358.0	343.5	14.5	4.1	4.3	4.9
1974	359.5	342.5	17.0	4.7	4.8	5.6
1975	357.6	327.7	29.9	8.4	8.1	8.5
1976	360.5	336.3	24.2	6.7	7.8	7.7
1977	368.6	348.3	20.3	5.5	6.5	7.1
1978	381.1	363.7	17.3	4.6	5.4	6.1
1979	392.2	367.9	24.2	6.2	5.9	5.8
1980	390.2	361.0	29.2	7.5	8.4	7.1
1981	390.8	357.9	32.8	8.4	9.6	7.6
1982	391.8	347.1	44.7	11.4	12.5	9.7
1983[c]	438.4	391.9	46.5	10.6	12.2	9.6
1984[c]	444.5	409.2	35.3	7.9	9.4	7.5

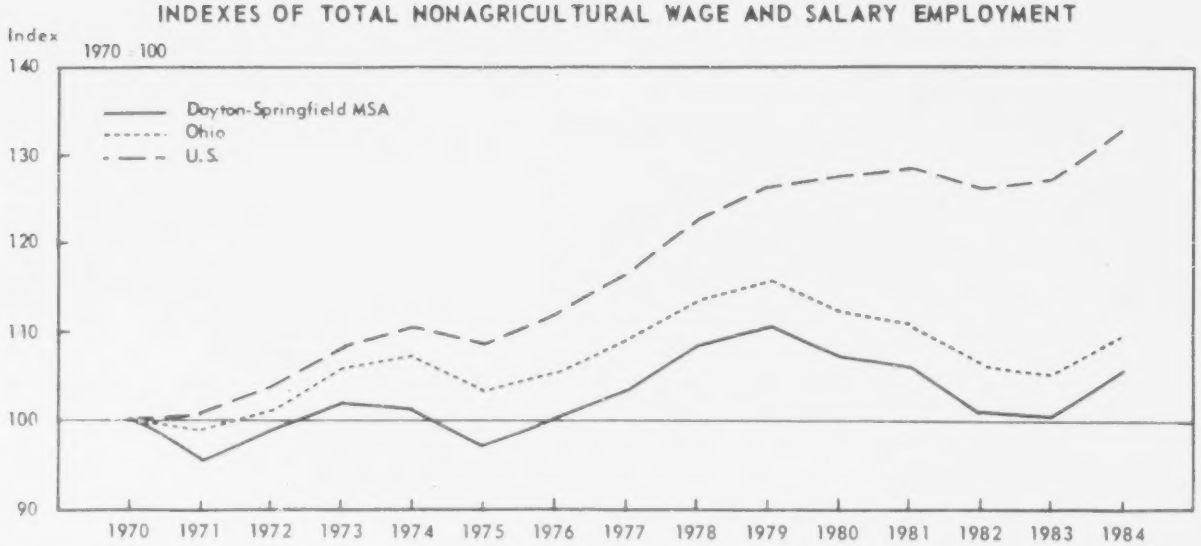
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force. [c]Not comparable to previous years due to area redefinition (see page 104).

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE DAYTON–SPRINGFIELD METROPOLITAN STATISTICAL AREA 1973, 1983, AND 1984

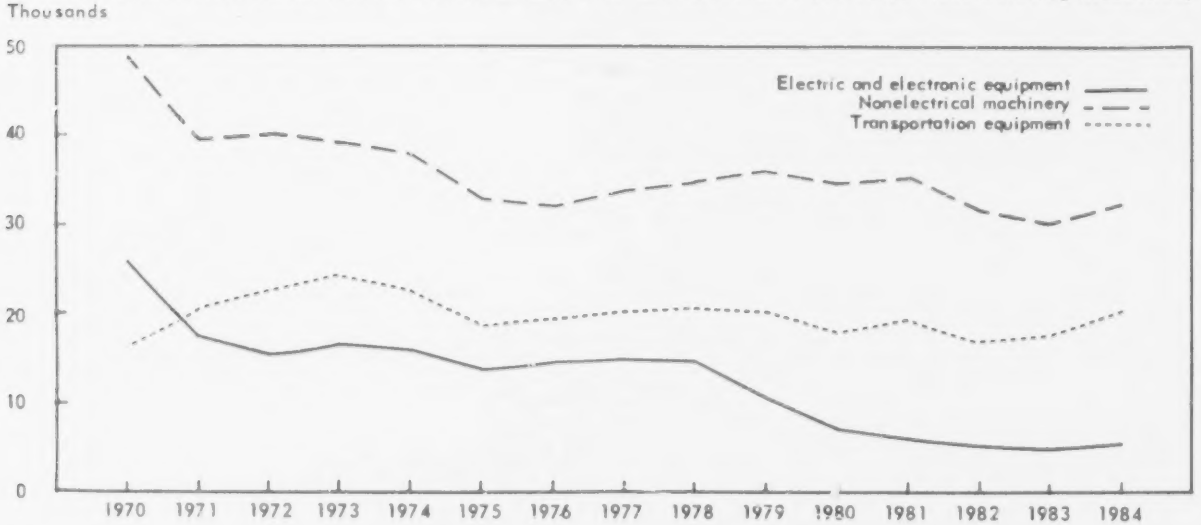
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1973	1983	1984	1973–1983	1983–1984	Dayton–Springfield	Ohio
TOTAL	408.8	372.9	391.6	- 35.9	18.7	52.1	54.8
MANUFACTURING	122.5	96.5	109.4	- 26.0	12.9	49.6	49.7
Durable Goods	86.2	68.7	74.4	- 17.5	5.7	32.6	38.8
Machinery, except electrical	35.4	31.0	32.1	- 4.4	1.1	25.0	26.6
Electric and electronic equipment	10.5	5.0	5.4	- 5.5	.4	7.9	12.6
Electrical industrial apparatus	4.7	2.9	3.0	- 1.8	.1	5.6	2.8
Transportation equipment	20.1	12.7	20.2	- 7.4	7.5	104.2	94.7
Nondurable Goods	34.3	27.8	28.5	- 6.5	1.7	11.3	18.4
Printing and publishing	10.3	7.7	8.0	- 2.5	.3	12.0	9.2
Rubber and misc. plastics products	12.2	7.7	8.5	- 4.5	.8	17.8	34.6
CONSTRUCTION	15.8	10.6	12.9	- 5.2	2.3	44.2	39.0
TRANSPORTATION AND PUBLIC UTILITIES	16.9	13.5	15.1	- 3.4	1.6	47.1	31.4
WHOLESALE TRADE	16.6	12.5	13.2	- 4.1	.7	+	30.1
RETAIL TRADE	68.4	63.1	66.4	- 5.3	3.3	62.3	45.2
FINANCE, INSURANCE, AND REAL ESTATE	15.6	15.9	16.1	.3	.2	+	+
SERVICES	74.5	84.7	88.7	10.2	4.0	+	+
GOVERNMENT	73.6	76.8	76.1	- 3.2	- .7	10.7	-

+ No downturn, 1973–1983
- No upturn, 1983–1984

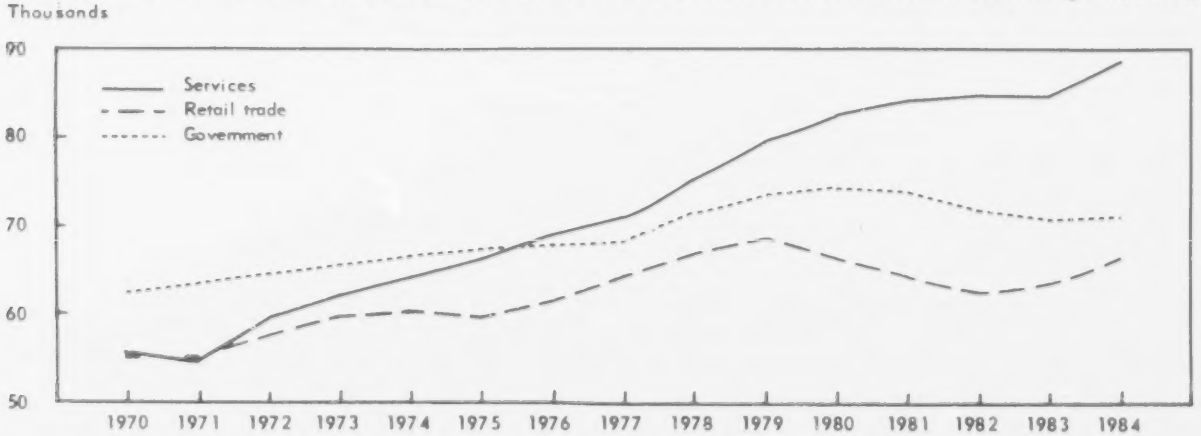
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

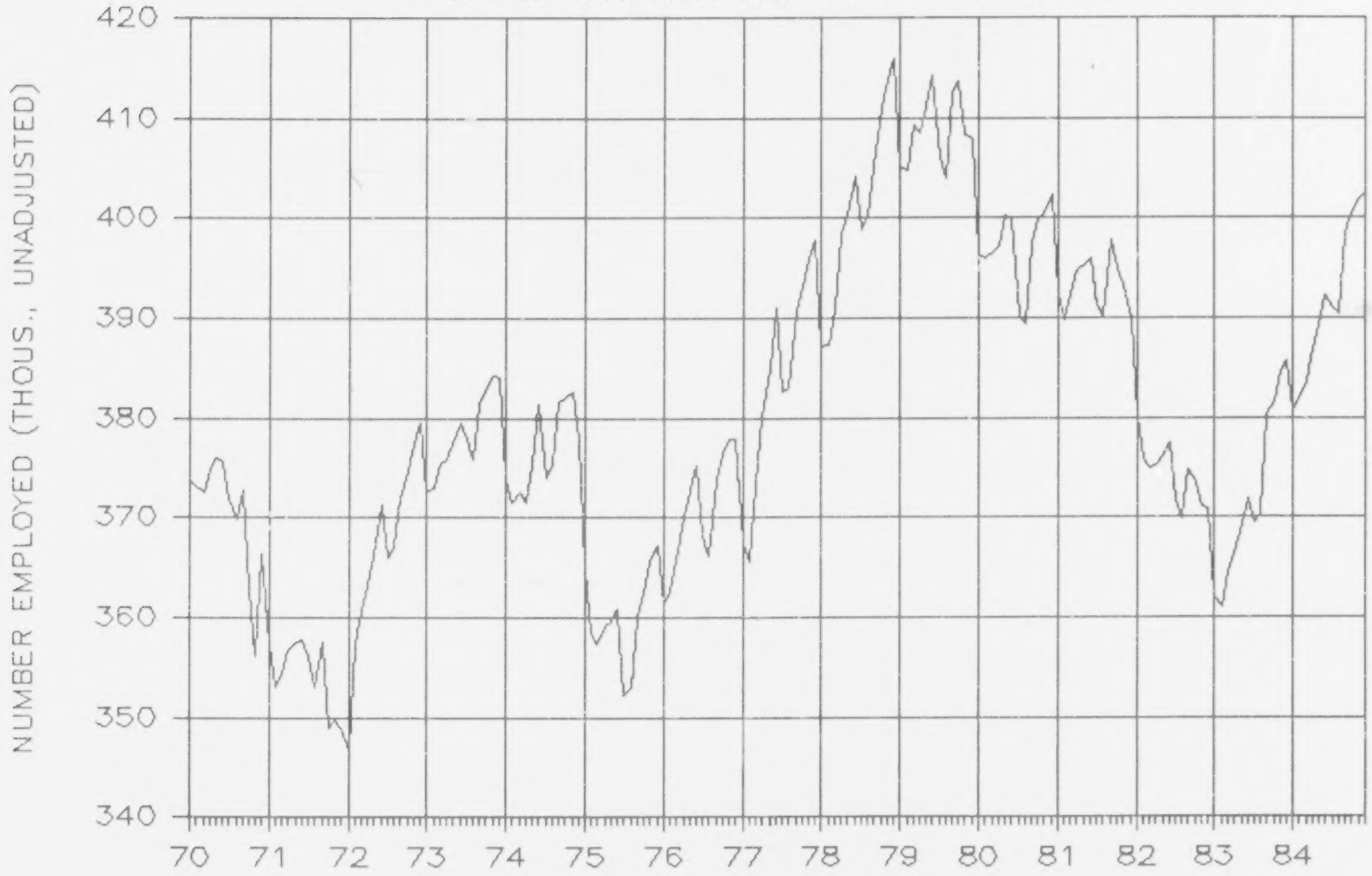


DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



DAYTON–SPRINGFIELD MSA

TOTAL NON–AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON–SPRINGFIELD METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	391.6	380.5	381.7	383.6	386.9	389.2	392.3	391.0	390.4	398.5	400.4	401.9	402.5
MANUFACTURING	103.4	100.5	100.8	101.9	102.5	102.8	103.9	103.8	103.8	105.2	105.0	105.4	105.4
Durable Goods[b]	74.9	72.7	73.0	73.8	74.3	74.5	75.4	75.3	75.3	76.3	76.1	76.4	76.3
Fabricated metal products	7.9	7.6	7.6	7.7	7.8	7.9	8.0	8.0	7.9	8.0	8.0	8.0	8.0
Machinery, except electrical	30.1	31.4	31.5	31.7	31.9	32.0	32.3	32.0	32.0	32.3	32.3	32.7	32.8
Metalworking machinery	6.5	6.1	6.2	6.2	6.3	6.4	6.5	6.4	6.5	6.7	6.7	6.8	6.8
General industrial machinery	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
Electric and electronic equipment	5.4	5.2	5.2	5.3	5.3	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.5
Electrical industrial apparatus	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.0
Transportation equipment	20.2	19.6	19.5	20.0	20.1	20.1	20.2	20.3	20.2	20.7	20.5	20.5	20.7
Nondurable Goods[c]	28.5	27.8	27.8	28.2	28.2	28.3	28.5	28.5	28.6	28.9	28.9	29.0	29.1
Food and kindred products	2.8	2.8	2.7	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.9	3.1	3.1
Paper and allied products	5.6	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.7	5.8
Printing and publishing	8.0	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.2	8.2
Rubber and misc. plastics products	8.5	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.7	8.5	8.4	8.5
NONMANUFACTURING[d]	288.2	280.0	280.9	281.6	284.4	286.4	288.5	287.2	286.6	293.3	295.4	296.5	297.1
CONSTRUCTION	12.3	9.7	9.6	9.6	10.7	11.8	12.8	13.7	13.8	13.9	14.2	14.0	13.5
TRANSPORTATION AND PUBLIC UTILITIES	15.1	14.7	14.7	14.9	14.8	15.1	15.3	15.2	15.2	15.4	15.5	15.4	15.5
Communication, electric, gas services	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.9	6.8	6.8	6.8	6.8
WHOLESALE TRADE	18.2	17.8	17.7	17.8	18.0	18.1	18.2	18.2	18.2	18.3	18.4	18.6	18.5
Wholesale trade durable goods	12.7	12.4	12.3	12.4	12.6	12.7	12.8	12.8	12.8	12.8	12.9	13.0	13.1
RETAIL TRADE	66.4	64.1	63.4	63.6	64.9	66.0	66.3	66.6	66.9	67.5	67.4	68.9	70.3
General merchandise stores	11.3	11.6	11.0	10.9	10.7	10.7	11.0	10.9	11.0	11.2	11.4	12.1	13.1
FINANCE, INSURANCE, AND REAL ESTATE	16.1	15.6	15.7	15.8	15.9	16.0	16.2	16.3	16.5	16.4	16.4	16.1	16.2
Banking	4.0	4.0	4.0	3.9	4.0	3.9	4.0	4.0	4.1	4.0	4.0	4.0	3.9
Credit agencies other than banks	4.1	3.9	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.3
Insurance carriers	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.5	3.3	3.2	3.3
SERVICES	88.7	86.2	87.2	87.4	87.9	87.1	88.7	89.3	89.3	91.0	90.7	90.4	90.2
Business services	16.8	16.0	16.2	16.2	16.4	16.5	16.3	17.0	17.2	17.4	17.6	17.4	17.3
Educational services	6.5	6.6	7.3	7.3	6.9	5.5	5.4	5.2	4.7	7.3	7.3	7.2	7.1
GOVERNMENT	71.1	71.8	72.3	72.3	71.3	72.0	69.3	67.6	67.2	70.4	72.5	72.8	72.6
Federal government	26.6	26.7	26.7	26.8	26.2	26.1	26.7	26.4	26.3	26.7	26.4	26.4	26.5
State government	6.2	6.1	6.4	6.4	6.4	6.3	6.6	5.7	5.7	5.6	6.6	6.7	6.4
State government education	3.4	3.5	3.8	3.9	3.9	3.7	3.9	3.1	3.1	3.0	4.0	4.1	3.8
State government, except education	2.8	2.6	2.6	2.5	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Local government	38.3	39.0	39.2	39.1	38.3	39.6	36.6	34.9	34.6	38.1	39.5	39.7	39.7
Local government education	23.5	24.5	24.8	24.6	24.7	24.8	21.4	19.6	19.4	23.2	24.8	25.0	25.0
Local government, except education	14.8	14.5	14.4	14.4	14.5	14.8	15.3	15.3	15.1	14.8	14.7	14.7	14.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-4-85 RS-790-1-6 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1983[1]
(in thousands)

Industry	1982 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	372.3	362.0	361.1	364.6	366.4	369.3	371.9	364.5	370.3	380.4	381.6	384.7	385.6
MANUFACTURING	95.5	91.5	91.5	92.5	92.9	94.1	94.7	94.9	96.4	99.1	98.4	99.7	100.7
Durable Goods[2]	68.7	65.7	65.7	66.5	66.8	67.6	68.1	68.1	69.2	71.3	70.9	72.0	72.7
Fabricated metal products	7.2	6.9	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.6	7.5	7.6	7.6
Machinery, except electrical	23.0	23.6	23.5	23.8	23.8	24.0	24.2	23.1	24.6	30.6	30.4	31.8	31.3
Metalworking machinery	6.2	6.5	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0
General industrial machinery	3.0	2.9	2.9	2.9	3.0	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Electric and electronic equipment	5.0	4.7	4.7	4.7	4.7	4.7	5.0	5.0	5.1	5.2	5.1	5.2	5.2
Electrical industrial apparatus	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0
Transportation equipment	17.7	18.2	18.3	18.6	18.6	17.2	17.5	17.3	18.2	18.8	18.9	19.2	19.3
Nondurable Goods	26.8	25.7	25.7	25.9	26.2	26.4	26.6	26.7	27.2	27.8	27.5	27.7	28.0
Food and kindred products	2.8	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.9	3.0	2.8	2.8	2.9
Paper and allied products	5.1	4.1	5.1	5.1	5.0	5.0	5.0	5.1	5.1	5.2	5.1	5.2	5.3
Printing and publishing	7.7	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8
Rubber and misc. plastics products	7.7	6.9	7.0	7.2	7.9	7.9	7.8	7.9	7.9	8.2	8	8.9	8.5
NONMANUFACTURING[3]	276.8	270.5	269.6	272.2	273.4	275.2	277.1	274.5	273.9	281.3	283.3	285.0	284.9
CONSTRUCTION	10.6	8.6	8.2	8.7	9.9	10.0	10.9	11.7	12.9	12.3	12.9	12.1	11.4
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.5	13.4	13.4	13.7	13.8	14.1	14.1	12.8	14.2	14.6	14.6	14.7
Communication, electric, gas services	6.6	6.8	6.8	6.7	6.6	6.6	6.7	6.6	5.3[4]	6.6	6.9	6.9	6.9
WHOLESALE TRADE	17.5	17.1	17.1	17.2	17.3	17.3	17.4	17.5	17.7	17.7	17.8	17.9	18.0
Wholesale trade-durable goods	12.1	11.8	11.8	11.9	11.9	11.9	12.0	12.2	12.3	12.3	12.4	12.4	12.5
RETAIL TRADE	63.1	60.7	59.6	60.3	61.5	62.5	62.9	63.7	64.0	64.6	64.7	65.8	67.1
General merchandise stores	11.3	11.7	10.9	10.8	10.8	10.9	10.8	10.8	10.9	11.0	11.3	12.9	13.2
FINANCE, INSURANCE, AND REAL ESTATE	15.8	15.5	15.5	15.6	15.7	15.8	15.9	16.1	16.2	15.	15.9	15.9	15.9
Banks	4.1	4.0	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1
Credit agencies other than banks	3.9	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0
Insurance carriers	3.1	3.2	.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2
SERVICES	84.7	82.8	83.2	84.0	83.8	83.2	84.5	84.6	84.6	86.7	86.2	86.6	86.9
Business services	15.1	13.4	14.0	14.3	14.5	14.8	15.1	15.3	15.6	15.8	15.8	15.8	15.8
Educational services	6.1	6.2	6.4	7.0	6.6	5.2	5.1	4.7	4.2	6.6	7.0	7.1	6.5
GOVERNMENT	70.8	72.5	73.5	73.7	71.4	72.4	71.2	66.5	64.0	63.5	71.4	71.8	71.7
Federal government	28.5	28.5	28.4	28.3	28.3	28.4	28.6	27.0	26.8	26.6	26.4	26.5	26.6
State government	6.0	6.0	6.2	6.2	6.2	6.1	5.4	5.6	5.6	5.4	6.2	6.1	6.4
State government education	3.5	3.4	3.6	3.6	3.7	3.5	3.7	3.8	2.9	2.9	3.7	3.6	3.9
State government, except education	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.6
Local government	36.2	38.0	38.9	39.2	36.9	37.9	37.2	33.9	33.6	31.5	38.8	39.2	38.7
Local government education	23.3	25.0	25.4	25.2	24.5	24.8	22.8	19.4	18.2	20.6	24.0	24.5	24.0
Local government, except education	14.9	14.9	14.5	15.0	14.4	13.1	15.4	15.5	15.4	14.9	14.8	14.7	14.7

[1]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [2]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [3]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [4]Includes mining. [5]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-84-85 85-79-1-6 (1483)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	370.4	354.3	366.8	378.3	376.6	360.1	370.7	383.8	401.1	408.8	397.1	393.2	374.3
MANUFACTURING	144.6	128.8	139.8	133.7	138.1	112.5	116.3	121.8	125.0	122.5	110.9	109.9	97.3
Durable Goods[b]	107.7	93.9	95.6	98.9	94.5	81.1	83.0	87.0	89.1	86.2	77.3	78.4	69.9
Fabricated metal products	6.8	6.4	7.2	7.9	7.5	6.8	7.0	7.5	8.0	8.3	7.8	7.9	7.3
Machinery, except electrical	44.0	34.6	40.0	34.0	37.8	32.9	32.0	33.6	34.5	35.9	34.5	35.1	31.9
Metalworking machinery	6.5	5.2	5.7	6.4	7.0	6.1	6.1	7.0	7.4	7.7	7.9	7.6	6.9
Electric and electronic equipment	20.0	17.8	19.4	16.7	15.8	13.6	14.6	15.0	14.9	10.5	7.1	6.0	5.2
Electrical industrial apparatus	12.5	7.4	4.9	5.7	5.8	4.7	4.6	4.7	4.8	4.7	4.0	3.8	3.1
Transportation equipment	16.1	20.6	22.8	24.3	22.5	18.5	19.5	20.1	20.5	20.1	17.7	19.3	16.8
Nondurable Goods[c]	36.8	34.9	34.2	34.8	33.6	31.5	33.4	34.8	35.8	36.3	33.6	31.4	27.4
Food and kindred products	5.3	5.0	4.5	4.1	4.2	3.9	3.9	3.9	3.8	3.9	3.9	3.3	3.0
Paper and allied products	5.8	5.5	5.7	5.8	6.0	5.1	5.3	5.8	5.8	5.7	5.7	5.8	5.3
Printing and publishing	11.1	10.9	10.6	10.5	10.3	9.7	9.6	9.5	9.9	10.2	10.0	9.7	8.1
Rubber and misc. plastics products	10.1	10.1	9.8	10.5	9.4	9.2	10.6	11.6	12.2	12.2	9.9	9.0	7.5
NONMANUFACTURING[d]	225.8	225.5	237.0	244.6	248.5	247.5	254.4	262.0	276.2	286.3	286.2	283.3	277.0
CONSTRUCTION	13.5	13.3	15.1	15.2	14.8	12.5	12.8	14.2	15.0	15.8	14.7	13.0	10.4
TRANSPORTATION AND PUBLIC UTILITIES	14.7	14.7	15.0	15.3	15.1	14.1	14.5	14.7	15.7	16.3	15.6	14.8	14.4
Communication, electric, gas services	7.7	7.3	7.2	7.2	7.2	7.0	6.8	6.6	7.0	7.2	7.4	7.5	7.3
WHOLESALE TRADE	13.6	13.1	13.6	14.2	14.7	14.9	15.5	15.9	16.5	16.6	16.8	17.5	17.4
RETAIL TRADE	55.0	55.0	57.4	59.8	60.2	59.5	61.6	64.2	66.9	68.4	66.2	64.1	62.5
FINANCE, INSURANCE, AND REAL ESTATE	10.5	10.9	11.5	11.9	12.4	12.7	13.1	13.8	15.0	15.6	15.6	15.7	15.6
SERVICES	55.7	54.5	54.4	62.1	63.9	66.0	68.8	70.8	75.0	79.5	82.3	84.1	84.8
GOVERNMENT	62.4	63.4	64.5	65.6	66.9	67.4	67.7	67.9	71.6	73.6	74.6	73.8	71.7
Federal government	28.1	27.8	27.2	26.6	26.9	26.0	25.4	25.6	25.9	26.0	26.4	26.4	26.6
State government (includes education)	3.9	4.3	4.6	4.8	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.0	6.0
Local government	30.4	31.3	32.8	34.2	35.0	36.4	37.1	37.0	40.1	41.7	42.2	41.5	39.1
Local government education	19.7	20.1	21.2	22.0	21.9	22.1	22.6	22.4	25.0	26.4	26.5	26.1	24.7
Local government, except education	10.7	11.2	11.6	12.2	13.1	14.3	14.6	14.6	15.1	15.3	15.6	15.4	14.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual--1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products, miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-24-85 RS-790-06

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.21	$11.10	$11.00	$11.12	$11.13	$11.08	$11.14	$11.27	$11.24	$11.29	$11.13	$11.41	$11.74
Durable Goods[b]	11.33	11.17	11.04	11.17	11.19	11.15	11.20	11.36	11.34	11.44	11.25	11.59	11.88
Fabricated metal products	8.33	8.57	8.59	8.45	8.21	8.24	8.19	8.28	8.35	8.35	8.27	8.20	8.26
Machinery, except electrical	11.89	11.69	11.61	11.84	11.81	11.75	11.67	12.00	11.92	12.09	11.83	12.23	12.17
Metalworking machinery	11.16	11.02	10.93	11.09	10.98	10.97	10.95	11.09	11.08	11.30	11.28	11.62	11.59
General industrial machinery	10.06	10.23	10.16	10.36	10.04	9.95	10.14	10.13	10.14	9.74	9.62	9.89	10.14
Electric and electronic equipment	8.34	8.23	8.11	8.29	8.44	8.36	8.32	8.34	8.30	8.40	8.39	8.45	8.38
Electrical industrial apparatus	9.03	8.83	8.73	9.02	9.20	9.08	9.01	9.12	9.00	9.06	9.04	9.11	9.13
Transportation equipment	14.12	13.84	13.70	13.79	13.97	13.85	14.14	14.26	14.30	14.31	13.98	14.21	14.72
Nondurable Goods[c]	10.97	10.91	10.91	10.99	10.97	10.90	10.97	11.03	10.99	10.91	10.79	10.91	11.35
Food and kindred products	9.52	9.38	9.33	9.45	9.84	9.41	9.64	9.71	9.59	9.71	9.41	9.49	9.40
Paper and allied products	9.59	9.49	9.52	9.55	9.56	9.62	9.55	9.67	9.61	9.42	9.54	9.75	9.77
Printing and publishing	10.50	10.71	10.51	10.31	10.40	10.50	10.80	10.73	10.50	10.55	10.31	10.31	10.41
Rubber and misc. plastics products	13.35	13.11	13.13	13.38	13.33	13.09	13.17	13.29	13.39	13.30	13.23	13.34	14.36
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas service	12.44	12.18	12.20	12.13	12.30	12.30	12.47	12.40	12.67	12.62	12.56	12.72	12.70
WHOLESALE TRADE	8.94	8.73	8.75	8.82	8.90	8.92	9.01	8.97	8.95	9.06	8.98	9.06	9.09
RETAIL TRADE[d]	5.48	5.40	5.43	5.46	5.53	5.49	5.47	5.42	5.48	5.54	5.60	5.52	5.43

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-85 BC-790-44 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	40.4	43.5	44.7	40.9	40.9	40.2	40.3	40.8	40.3	43.1	40.2	43.2	44.1
Durable Goods[b]	43.2	44.0	46.4	43.1	43.1	40.5	40.5	43.3	40.7	43.5	42.4	43.6	44.7
Fabricated metal products	41.5	42.8	41.7	40.7	41.0	40.8	41.5	41.3	41.2	41.6	42.0	42.1	42.0
Machinery, except electrical	44.7	46.4	44.2	45.2	44.9	44.1	43.7	44.9	44.2	44.8	43.6	45.4	46.2
Metalworking machinery	45.9	47.0	45.3	45.4	44.7	45.3	45.0	45.3	45.4	45.8	44.7	46.1	46.8
General industrial machinery	41.9	44.4	44.0	43.4	43.5	40.1	40.1	42.7	41.9	39.3	38.3	39.9	40.5
Electric and electronic equipment	41.4	42.6	41.6	41.3	41.8	40.2	40.8	40.2	41.4	41.0	40.6	42.3	41.9
Electrical industrial apparatus	41.7	42.8	41.7	42.0	44.0	42.6	43.1	43.8	42.2	42.4	41.3	42.0	44.2
Transportation equipment	43.6	44.4	43.0	42.4	42.9	41.9	43.3	44.2	43.6	44.8	42.6	43.1	45.4
Nondurable Goods[c]	40.1	40.3	40.4	40.5	40.5	41.7	41.9	41.7	41.5	42.1	41.7	42.3	42.7
Food and kindred products	43.8	41.3	43.0	44.1	44.5	43.2	44.2	43.4	43.4	44.9	46.4	43.7	43.2
Paper and allied products	44.1	44.6	43.6	44.6	45.3	44.7	44.8	44.0	43.6	43.7	43.4	45.3	43.3
Printing and publishing	39.3	39.5	38.6	38.6	38.7	37.7	38.8	39.5	40.0	40.6	39.3	39.8	40.1
Rubber and misc. plastics products	42.9	44.0	44.4	44.0	43.5	42.1	42.4	42.2	41.7	42.3	41.7	42.5	43.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.2	40.0	40.4	40.5	40.3	39.9	40.6	40.4	40.2	40.2	40.0	40.0	39.9
WHOLESALE TRADE	41.9	41.9	41.3	41.3	41.7	41.8	42.1	42.9	42.5	41.4	41.7	42.1	42.3
RETAIL TRADE	28.9	28.6	28.4	28.8	29.0	29.2	29.3	29.4	29.7	28.9	28.4	28.4	29.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [e]Not comparable to previous estimates.

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AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON–SPRINGFIELD METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$[illegible]	$[illegible]	$[illegible]	$477.05	$477.48	$467.[illegible]	$471.[illegible]	$[illegible]	$[illegible]	$486.60	$[illegible]	$[illegible]	$517.73
Durable Goods[b]	485.46	491.48	475.[illegible]	481.43	485.[illegible]	475.88	476.00	491.89	484.[illegible]	497.64	477.00	505.32	531.04
Fabricated metal products	345.70	366.80	354.20	349.[illegible]	338.61	336.19	339.89	338.65	344.[illegible]	347.36	347.34	344.22	346.92
Machinery, except electrical	531.48	530.75	515.10	535.17	530.27	518.18	509.38	538.80	524.[illegible]	541.63	515.79	555.04	562.26
Metalworking machinery	513.[illegible]	517.94	496.13	503.67	498.81	498.94	496.75	501.36	503.03	517.54	504.22	508.92	505.59
General industrial machinery	441.51	449.33	447.34	449.[illegible]	438.74	438.90	408.61	432.55	424.87	382.78	368.45	394.61	430.95
Electric and electronic equipment	344.45	349.74	337.38	341.38	341.23	332.73	334.10	351.05	343.62	344.40	340.83	357.44	351.12
Electrical industrial apparatus	395.[illegible]	377.[illegible]	364.04	378.64	404.80	389.81	388.33	399.46	374.80	384.14	373.35	382.62	403.55
Transportation equipment	615.83	617.[illegible]	580.10	584.70	599.31	588.37	611.[illegible]	630.59	625.48	641.09	595.55	612.45	664.29
Nondurable Goods[c]	461.04	491.41	462.[illegible]	467.08	466.[illegible]	454.93	449.64	491.[illegible]	496.[illegible]	454.31	449.94	461.49	484.65
Food and kindred products	418.[illegible]	397.[illegible]	401.[illegible]	419.[illegible]	437.88	408.51	408.79	401.41	416.[illegible]	435.98	436.62	414.71	408.08
Paper and allied products	422.[illegible]	411.87	419.07	409.33	433.07	430.01	427.84	429.48	419.[illegible]	411.65	414.04	441.68	423.04
Printing and publishing	412.[illegible]	423.06	409.[illegible]	397.37	402.48	395.85	419.04	429.84	420.00	418.33	409.18	410.34	417.44
Rubber and misc. plastics products	575.[illegible]	576.84	546.[illegible]	580.76	573.86	550.67	548.41	560.84	558.[illegible]	562.59	551.69	566.95	630.40
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas services	500.09	494.51	502.[illegible]	491.[illegible]	495.69	490.77	500.49	500.96	501.33	507.32	502.40	508.80	500.73
WHOLESALE TRADE	374.54	365.[illegible]	361.38	364.27	371.13	378.86	379.32	384.81	380.60	375.08	374.47	381.43	384.51
RETAIL TRADE[d]	158.37	154.44	154.21	157.[illegible]	160.37	160.31	160.27	159.35	159.37	160.11	159.04	156.77	160.19

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton–Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Included pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual, 1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

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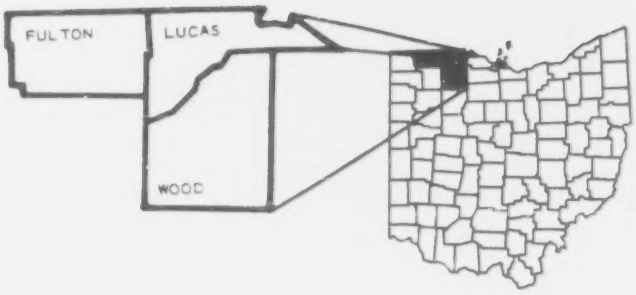
Ohio Bureau of Employment Services
Columbus, Ohio 43215 (614)

TOLEDO METROPOLITAN STATISTICAL AREA



In the Toledo MSA, the estimated annual average civilian labor force, based on place of residence, edged upward 2,200 from 1983 to 291,300 in 1984. Employment increased 9,000 over the year, while unemployment dropped 6,800 to a 1984 total of 26,200. The unemployment rate declined from 11.4 percent in 1983 to 9.0 percent in 1984 (see table, top of page 85).

Nonagricultural wage and salary employment in the Toledo area had a 54.5 percent recovery rate in 1984, after losses of 8.7 percent between 1979 and 1983. During the economic downturn, manufacturing employment suffered the greatest losses, especially motor vehicles and equipment. That industry also made the biggest contribution to the recovery from 1983 to 1984. Services and finance, insurance, and real estate reported continued growth throughout the 1979-1984 period, while employment in stone, clay, and glass products continued to decline (see table, bottom of page 85).

TOLEDO MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)

Metropolitan area definition changed effective with data for 1982. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

TOLEDO METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Toledo	Ohio	U.S.
1970	315.9	298.3	17.6	5.6	5.4	4.9
1971	314.5	300.4	14.1	4.5	6.5	5.9
1972	329.3	311.3	18.0	5.5	5.5	5.6
1973	340.0	324.3	15.7	4.6	4.3	4.9
1974	344.3	324.6	19.7	5.7	4.8	5.6
1975	345.8	311.2	34.7	10.0	9.1	8.5
1976	347.8	319.4	28.4	8.2	7.8	7.7
1977	355.0	327.4	25.6	7.2	6.5	7.1
1978	362.1	339.7	22.4	6.2	5.4	6.1
1979	368.2	341.7	26.4	7.2	6.9	5.8
1980	368.2	329.8	38.4	10.4	8.4	7.1
1981	367.4	328.0	39.4	10.7	9.6	7.6
1982	368.7	322.7	46.1	12.5	12.5	9.7
1983[c]	287.1	254.1	33.0	11.4	12.2	9.6
1984[c]	291.3	265.1	26.2	9.0	9.4	7.5

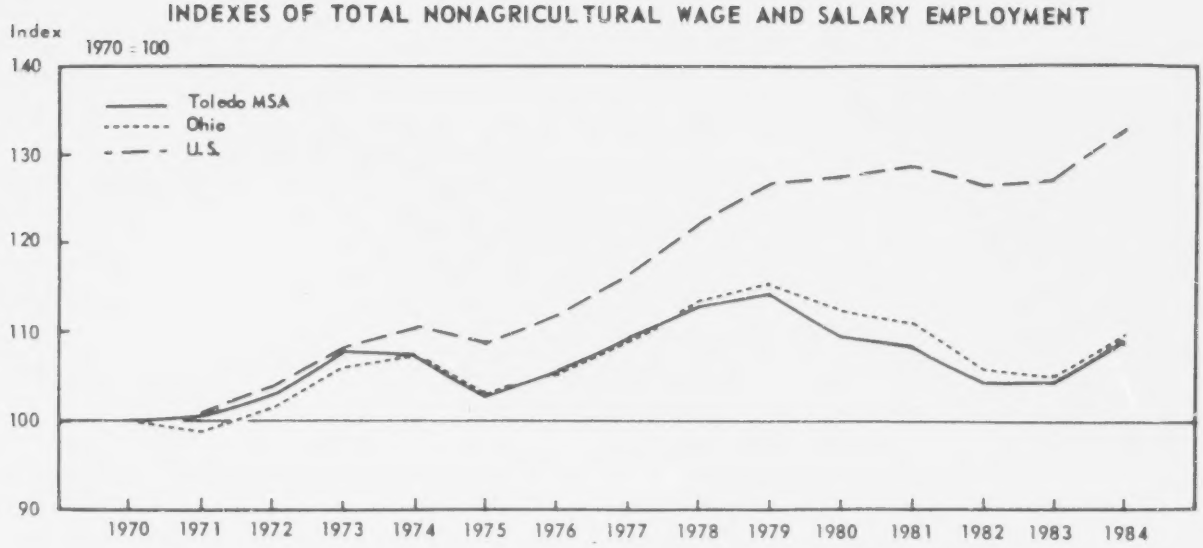
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force. [c]Not comparable to previous years due to area redefinition (see page 104).

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE TOLEDO METROPOLITAN STATISTICAL AREA
1972, 1983, AND 1984

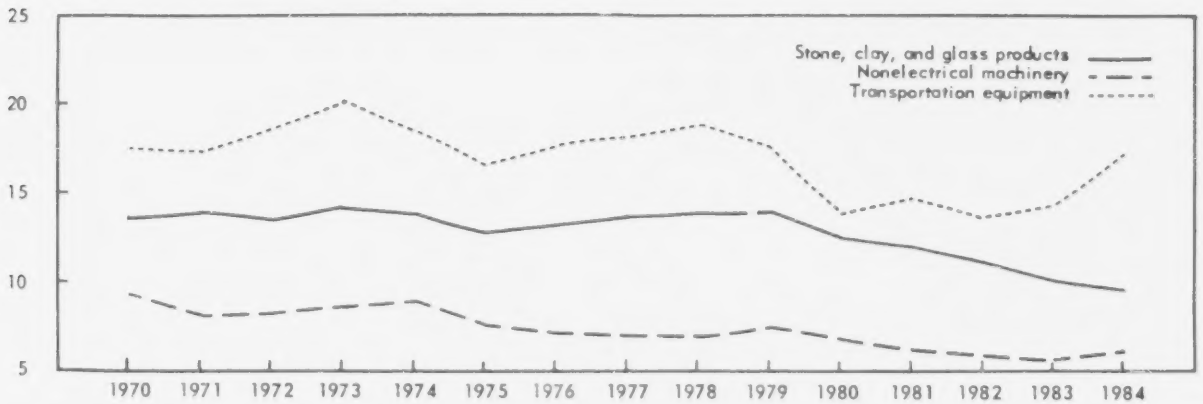
Industry	Employment (in thousands) 1972	1983	1984	Employment Change 1972-1983	1983-1984	Percent Recovery Lost	Gain
TOTAL	344.3	244.4	267.4	- 99.9	23.1	76.9	23.1
MANUFACTURING	77.4	59.0	64.5	- 18.4	5.5	29.9	29.9
Durable Goods	61.0	41.2	45.1	- 19.8	4.1	20.7	18.9
Stone, clay, and glass products	3.8	3.1	3.4	- 0.7	+ .3	-	2.9
Transportation equipment	15.1	14.9	17.0	- 0.4	2.1	95.2	95.2
Motor vehicles and equipment	14.9	13.1	14.9	- 0.2	1.8	9.1	9.1
Nondurable Goods	16.4	17.4	19.4	- 2.7	1.9	14.8	14.8
CONSTRUCTION	13.9	7.9	9.3	- 6.0	1.4	23.3	23.3
TRANSPORTATION AND PUBLIC UTILITIES	17.1	13.8	14.9	- 3.3	1.1	33.3	33.4
WHOLESALE TRADE	14.1	13.1	15.2	- 1.0	2.1	100.0	100.0
RETAIL TRADE	47.1	44.1	47.1	- 3.0	3.0	100.0	100.0
FINANCE, INSURANCE, AND REAL ESTATE	10.9	9.4	9.9	- 1.5	.5	+	+
SERVICES	49.5	51.1	54.9	+ 1.6	3.8	+	+
GOVERNMENT	73.0	70.7	71.5	- 2.3	.8	134.8	-

+ No downturn, 1972-1983
- No return, 1983-1984

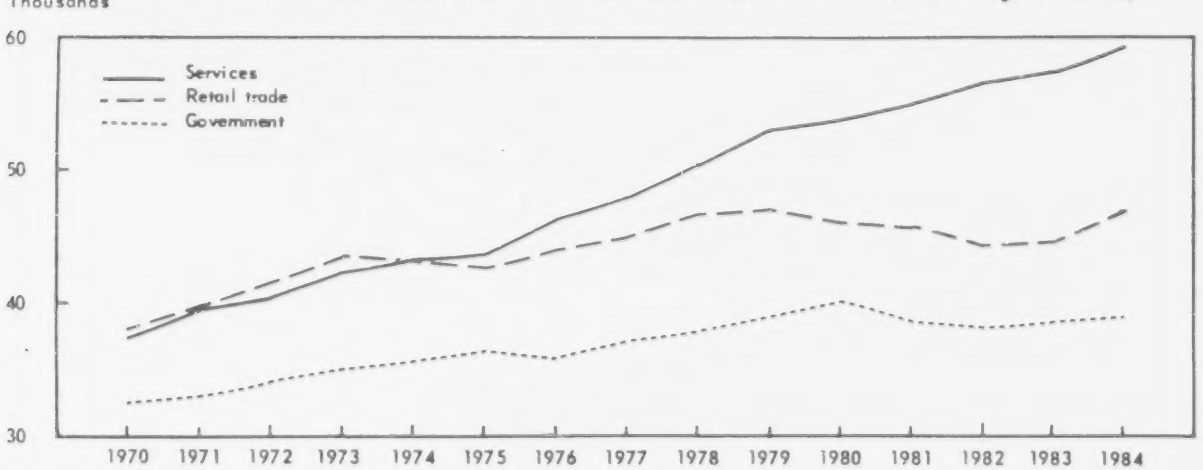
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

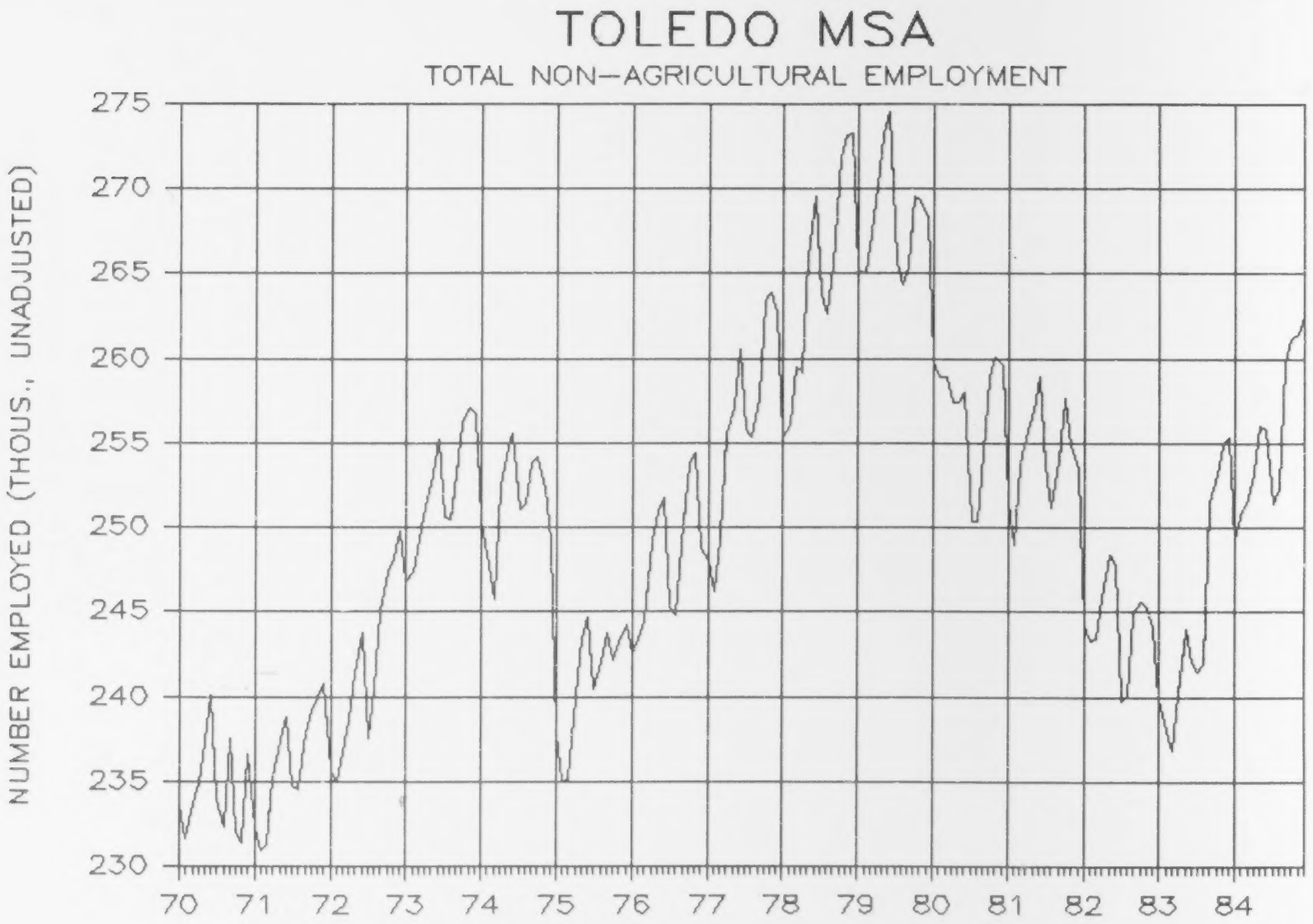


TOLEDO MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



TOLEDO MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)




TOLEDO MSA
TOTAL NON—AGRICULTURAL EMPLOYMENT
NUMBER EMPLOYED (THOUS., UNADJUSTED)
275
270
265
260
255
250
245
240
235
230
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	257.6	249.2	250.7	251.8	253.3	256.1	255.8	251.4	252.4	259.7	261.1	261.5	288.4
MANUFACTURING	64.8	64.1	64.3	64.3	64.0	64.3	64.8	64.3	65.2	66.4	65.6	65.0	65.1
Durable Goods[b]	51.1	50.5	50.7	50.7	50.8	50.9	51.4	51.1	51.3	51.7	51.6	51.4	51.4
Stone, clay, and glass products	9.5	9.7	9.7	9.7	9.5	9.5	9.5	9.4	9.5	9.6	9.6	9.5	9.4
Primary metal industries	3.4	3.3	3.3	3.4	3.3	3.3	3.4	3.3	3.3	3.6	3.6	3.7	3.6
Fabricated metal products	7.7	7.4	7.5	7.6	7.6	7.8	7.9	7.8	7.9	7.8	7.6	7.7	7.7
Metal forgings and stampings	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.6	3.7	3.7	3.6	3.6	3.6
Machinery, except electrical	6.1	6.0	6.1	6.2	6.2	6.2	6.2	6.1	6.2	6.2	6.2	6.2	6.2
Electric and electronic equipment	3.3	3.4	3.5	3.4	3.4	3.4	3.2	3.2	3.1	3.2	3.3	3.3	3.3
Transportation equipment	17.2	17.1	17.1	16.9	17.0	16.9	17.3	17.2	17.3	17.4	17.4	17.2	17.4
Motor vehicles and equipment	16.0	15.8	15.9	15.7	15.8	15.7	16.1	16.0	16.1	16.2	16.2	16.0	16.2
Nondurable Goods[c]	13.7	13.6	13.6	13.6	13.2	13.4	13.4	13.3	13.8	14.8	14.0	13.6	13.7
Food and kindred products	3.7	3.6	3.5	3.4	3.4	3.5	3.6	3.5	4.1	4.4	3.7	3.5	3.6
Rubber and misc. plastics products	2.8	2.7	2.8	2.8	2.9	2.9	2.8	2.7	2.6	2.8	2.8	2.8	2.8
NONMANUFACTURING[d]	192.8	185.0	186.3	187.5	189.2	191.8	191.1	187.1	187.2	193.3	195.5	196.5	223.3
CONSTRUCTION	7.7	6.8	6.5	6.6	6.9	7.5	7.8	8.3	8.5	8.7	8.7	8.3	7.8
TRANSPORTATION AND PUBLIC UTILITIES	14.3	13.7	13.9	14.0	14.2	14.4	14.3	14.4	14.4	14.5	14.5	14.4	14.5
Trucking and warehousing	5.6	5.3	5.4	5.5	5.6	5.6	5.5	5.5	5.5	5.7	5.8	5.8	5.9
Communication, electric, gas services	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.0	5.0	4.9	4.9
WHOLESALE TRADE	15.2	14.5	14.6	14.9	15.0	15.1	15.4	15.4	15.3	15.5	15.6	15.7	15.9
Wholesale trade durable goods	10.4	9.7	9.9	10.2	10.2	10.3	10.5	10.5	10.5	10.5	10.6	10.6	10.8
RETAIL TRADE	47.1	45.6	46.1	46.3	46.8	47.0	47.4	47.0	47.4	47.5	47.6	48.9	50.0
General merchandise stores	7.2	7.4	6.8	6.7	6.7	6.9	7.0	7.1	7.1	7.2	7.3	7.8	8.2
FINANCE, INSURANCE, AND REAL ESTATE	9.3	9.6	9.6	9.6	9.6	9.8	9.8	9.9	10.0	10.1	10.1	10.1	10.3
Banking	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.3	3.3	3.3	3.5
SERVICES	59.3	56.5	56.5	56.8	57.2	57.4	57.6	57.4	57.5	57.5	57.4	57.4	83.1
Business services	9.7	9.1	9.1	9.2	9.4	9.5	9.8	10.0	10.1	10.2	10.2	10.2	10.1
Health services	24.0	24.0	24.0	24.1	24.1	24.0	24.2	23.9	23.9	23.8	24.0	23.9	23.9
GOVERNMENT	39.1	38.3	40.0	40.1	40.3	40.5	38.5	34.4	33.9	39.2	41.3	41.4	41.5
State government	13.9	13.2	14.9	14.0	14.9	14.8	13.1	11.2	10.6	13.4	15.2	15.4	15.2
State government education	10.0	9.4	11.0	11.1	11.0	10.9	9.2	7.2	6.7	9.6	11.4	11.5	11.3
State government, except education	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	3.9	3.8	3.9	3.8	3.8
Local government	22.8	22.7	22.8	22.7	23.0	23.3	23.0	20.9	20.8	23.4	23.6	23.6	23.9
Local government education	12.8	13.1	13.2	13.3	13.3	13.3	12.5	10.2	10.3	13.2	13.6	13.6	14.0
Local government, except education	10.0	9.6	9.8	9.5	9.7	10.0	10.4	10.6	10.5	10.2	10.1	10.0	10.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-4-85 RS-790-1-7 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	245.6	241.0	238.0	238.7	240.2	244.0	242.0	241.4	241.4	251.6	253.2	255.0	255.4
MANUFACTURING	59.0	57.4	56.4	54.2	56.5	58.9	59.1	59.6	60.7	63.0	62.8	63.4	63.9
Durable Goods[b]	44.2	44.4	43.7	41.5[c]	43.6	45.9	45.8	46.2	47.0	48.3	48.3	49.7	44.6
Stone, clay, and glass products	10.1	10.4	10.3	10.1	10.2	10.1	10.2	10.1	10.1	10.0	9.9	9.8	9.8
Primary metal industries	3.0	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.2	3.2	3.3	3.3
Fabricated metal products	6.5	6.0	6.1	6.1	6.4	6.7	6.6	6.5	6.7	6.9	7.1	7.1	7.1
Metal forming and stamping	3.1	2.8	2.7	2.8	3.0	3.1	3.0	2.9	3.1	3.3	3.4	3.5	3.6
Machinery, except electrical	5.5	5.7	5.7	4.7[c]	5.1	5.5	5.5	5.7	5.5	5.6	5.5	5.6	5.7
Electric and electronic equipment	3.2	3.4	2.8	2.2	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4
Transportation equipment	14.3	13.2	13.3	12.0	12.4	13.4	13.6	13.8	14.5	15.6	15.2	16.4	16.7
Motor vehicles and equipment	9.1	12.0	12.1	10.8	11.2	12.2	12.4	12.6	13.3	14.4	15.0	15.7	15.5
Nondurable Goods[b]	13.4	12.5	12.7	12.7	12.9	13.0	13.3	13.5	13.8	14.7	13.9	13.7	13.7
Food and kindred products	3.7	3.4	3.5	3.6	3.5	3.6	3.8	3.8	3.9	4.7	4.0	3.7	3.7
Rubber and miscellaneous plastics products	2.3	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.5
NONMANUFACTURING[b]	186.4	182.6	181.6	182.8	183.7	185.7	182.9	182.0	181.2	188.6	190.4	191.6	192.1
CONSTRUCTION	7.3	6.6	6.2	6.4	6.4	6.7	7.4	8.0	8.0	8.2	8.3	8.2	7.5
TRANSPORTATION AND PUBLIC UTILITIES	13.8	13.5	13.4	13.5	13.7	13.9	14.0	14.0	13.9	14.1	14.1	14.2	14.3
Trucking and warehousing	5.2	4.9	4.9	4.9	5.0	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6
Communication, electric, gas services	5.0	5.1	5.1	5.1	5.1	5.1	5.0	4.9[c]	5.0	5.0	5.0	5.0	5.0
WHOLESALE TRADE	13.1	13.3	13.2	13.3	13.5	13.6	13.8	14.0	14.2	14.2	14.3	14.4	14.5
Wholesale trade-durable goods	8.1	8.6	8.6	8.7	8.8	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.7
RETAIL TRADE	44.6	43.9	43.1	43.4	43.9	43.8	43.8	44.5	45.2	45.6	45.9	47.0	48.2
General merchandise stores	6.8	6.6	6.1	6.1	6.2	6.2	6.3	6.4	6.8	7.1	7.2	7.8	8.2
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
Banking	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3
SERVICES	57.5	57.2	57.2	57.5	57.4	57.7	57.7	57.6	57.6	58.1	57.9	57.4	57.0
Business services	8.7	8.5	8.4	8.5	8.3	8.5	8.5	8.7	8.1	8.1	8.8	8.8	8.8
Health services	24.2	24.1	24.1	24.1	24.0	24.1	24.3	24.2	24.3	24.3	24.3	24.3	24.2
GOVERNMENT	38.6	39.3	40.0	40.1	39.8	40.0	39.3	34.0	33.3	38.7	40.1	40.7	40.7
State government	13.9	14.0	14.5	14.5	14.6	14.4	11.3	11.1	10.7	13.5	14.8	14.8	14.9
State government education	9.7	10.1	10.5	10.4	10.7	10.5	7.3	7.1	6.7	9.6	10.9	11.0	11.0
State government, except education	4.2	3.9	4.0	4.1	3.9	3.9	4.0	4.0	4.0	3.9	3.9	3.8	3.9
Local government	20.8	20.3	20.1	20.2	20.8	21.2	20.6	20.5	20.3	20.8	22.9	23.4	23.3
Local government education	12.8	13.5	13.7	13.7	13.3	13.5	12.5	12.1	10.1	12.7	13.0	13.5	13.5
Local government, except education	8.0	6.4	6.4	6.4	7.5	7.7	8.1	8.4	10.2	8.1	9.9	9.8	9.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties, Ohio. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestic, and armed forces. Subcategories may not add to totals, because of rounding or multiple-job holders. [b]Industrial classifications are those described in the "Standard Industrial Classification Manual--1972 revision." [c]Include strikers and workers indirectly affected. [d]Includes lumber and wood products, furniture and fixtures, instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufacturing, textile mill products, apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Incl. zinc mining. [g]Decreased due to labor-management dispute.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5/1-85 85-790-1-7 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	234.6	236.1	241.7	252.2	251.6	241.0	248.3	256.3	264.7	268.2	257.0	254.2	244.4
MANUFACTURING	78.8	76.2	77.9	82.0	78.8	70.9	74.5	77.2	79.4	77.4	66.4	65.8	60.2
Durable Goods[b]	61.2	58.3	59.8	64.1	61.9	55.5	58.6	60.9	62.7	61.5	51.6	51.4	46.9
Stone, clay, and glass products	13.7	13.9	13.5	14.2	13.8	12.8	13.2	13.6	13.8	13.8	12.4	12.0	11.1
Primary metal industries	6.1	5.5	5.7	5.9	5.6	5.2	5.4	5.3	5.4	5.0	3.8	3.5	2.9
Fabricated metal products	7.2	6.3	6.3	7.2	7.1	6.0	7.3	8.3	9.0	8.9	6.9	6.8	6.2
Metal forgings and stampings	3.2	2.7	3.0	3.8	3.5	2.9	3.7	4.1	4.3	4.2	3.1	3.2	2.9
Machinery, except electrical	9.3	8.1	8.2	8.7	8.9	7.5	7.2	7.1	7.1	7.5	6.8	6.4	5.9
Transportation equipment	17.5	17.4	18.7	20.2	18.5	16.5	17.7	18.2	18.8	17.7	13.8	14.7	13.7
Motor vehicles and equipment	15.8	15.8	16.8	18.2	17.1	15.3	16.2	16.7	17.5	16.3	12.4	13.5	12.5
Nondurable Goods[c]	17.6	17.8	18.1	17.9	17.0	15.3	15.8	16.3	16.6	16.0	14.9	14.5	13.3
Food and kindred products	5.3	5.3	5.3	4.9	4.8	4.4	4.2	4.3	4.4	4.3	4.1	3.9	3.8
Rubber and misc. plastics products						2.3	2.6	2.8	3.0	2.9	2.3	2.4	2.1
NONMANUFACTURING[d]	155.8	159.9	163.8	170.2	172.7	170.1	173.9	179.1	185.3	190.8	190.6	188.4	184.2
CONSTRUCTION	9.7	9.4	9.7	10.6	10.8	9.6	9.3	9.6	10.1	10.3	10.5	9.5	7.4
TRANSPORTATION AND PUBLIC UTILITIES	17.2	17.2	16.9	17.0	16.9	15.2	16.0	16.7	17.2	17.7	16.5	15.6	14.4
Communication, electric, gas services	5.2	5.2	5.3	5.4	5.5	5.2	5.1	5.1	5.3	5.3	5.4	5.4	5.3
WHOLESALE TRADE	13.2	12.9	13.0	13.4	13.9	13.9	13.9	13.7	13.8	14.1	13.9	14.1	13.8
RETAIL TRADE	38.0	39.8	41.6	43.5	43.3	42.7	44.0	44.9	46.6	47.1	46.0	45.7	44.3
FINANCE, INSURANCE, AND REAL ESTATE	7.7	7.7	7.9	8.3	8.3	8.2	8.3	8.7	9.0	9.3	9.4	9.4	9.4
SERVICES	37.2	39.5	40.2	42.2	43.5	43.6	46.3	48.0	50.5	53.0	53.9	55.1	56.6
GOVERNMENT	32.5	33.1	34.2	35.0	35.6	36.5	35.8	37.2	37.7	34.0	40.2	38.7	38.1
State government (includes education)	9.3	10.5	10.7	10.9	11.4	11.6	11.6	12.0	12.1	12.7	13.5	13.4	13.8
Local government	20.3	19.9	20.8	21.3	21.5	22.2	21.6	22.7	23.3	23.8	24.1	22.9	22.1
Local government education	11.6	11.2	11.5	12.0	12.3	12.6	11.9	12.7	12.9	13.3	13.6	13.1	12.9
Local government, except education	8.7	7.7	8.2	8.7	9.2	9.7	9.7	10.0	10.4	10.6	10.5	9.7	9.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-20-85 RS-7906-7

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.63	$11.42	$11.50	$11.56	$11.55	$11.54	$11.57	$11.53	$11.60	$11.66	$11.78	$11.87	$12.06
Durable goods[b]	12.13	11.90	12.02	12.07	12.10	12.10	12.06	11.98	12.01	12.20	12.26	12.39	12.56
Stone, clay, and glass products	11.86	12.05	12.03	12.01	12.05	12.05	11.94	11.91	11.73	11.85	12.01	11.86	11.90
Primary metal industries	10.33	10.33	10.28	10.26	10.33	10.28	10.19	10.19	10.30	10.58	10.63	10.54	10.70
Fabricated metal products	11.09	11.01	11.01	11.15	11.26	11.22	10.75	10.78	10.87	10.90	11.04	11.24	11.28
Metal forgings and stampings	12.42	11.92	11.84	12.31	12.54	12.40	12.44	12.42	12.50	12.43	12.56	12.93	12.82
Machinery, except electrical	10.63	10.55	10.54	10.54	10.56	10.60	10.61	10.71	10.51	10.70	10.72	10.74	10.63
Electric and electronic equipment	11.74	11.67	11.84	11.91	11.76	12.10	11.54	11.65	11.64	11.63	11.45	11.45	12.13
Transportation equipment	14.01	13.46	13.71	13.81	13.81	13.88	14.00	13.80	13.46	14.17	14.18	14.46	14.88
Motor vehicles and equipment	14.05	13.50	13.74	13.85	13.82	13.91	14.04	13.84	13.39	14.22	14.23	14.50	14.95
Nondurable goods[b]	9.71	9.66	9.53	9.60	9.42	9.33	9.57	9.71	9.90	9.84	10.08	10.01	10.01
Food and kindred products	10.67	10.70	10.63	10.73	10.59	10.31	10.82	10.99	10.86	10.25	10.77	10.79	10.67
Rubber and misc. plastics products	7.75	7.80	7.60	7.65	7.70	7.66	7.55	7.75	7.34	7.79	7.84	7.92	7.89
TRANSPORTATION AND PUBLIC UTILITIES	...	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	12.38	12.46	12.37	12.34	12.41	12.37	12.49	12.57	12.97	13.06	12.97	13.10	13.16
WHOLESALE TRADE	8.44	8.77	8.79	8.83	8.86	8.88	8.87	8.84	8.75	8.54	8.43	8.14	8.20
RETAIL TRADE[c]	5.49	5.53	5.47	5.47	5.48	5.41	5.39	5.33	5.41	5.45	5.49	5.51	5.58

[a]Estimated in cooperation with the U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual, 1972 revision." [b]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c]Includes total manufacturing; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-15-85 RS-776-4-7 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.2	42.6	43.2	43.3	43.4	43.5	42.8	42.4	42.4	43.4	43.8	43.5	44.2
Durable Goods[b]	43.5	42.5	43.5	43.6	43.6	44.0	43.1	42.8	43.2	43.7	44.1	43.9	44.6
Stone, clay, and glass products	42.4	43.3	43.3	43.3	43.4	43.3	41.7	42.9	41.3	40.0	41.7	42.0	41.9
Primary metal industries	46.2	44.9	47.7	46.4	45.7	44.6	44.8	45.2	45.0	47.4	47.8	45.2	49.3
Fabricated metal products	42.6	41.7	42.4	42.7	44.3	43.3	43.1	40.6	43.3	41.3	42.7	42.6	43.0
Metal forgings and stampings	42.4	42.4	41.5	43.2	43.3	42.9	42.4	40.1	40.8	42.1	42.9	43.9	43.9
Machinery, except electrical	41.4	42.5	42.7	42.6	42.5	41.8	40.1	40.1	39.5	40.7	40.8	41.6	41.6
Electric and electronic equipment	41.6	40.7	41.8	41.7	40.5	42.4	40.3	41.4	41.7	42.4	43.5	40.0	43.4
Transportation equipment	45.0	42.5	44.1	44.5	44.2	45.3	44.9	44.3	44.4	46.2	46.3	46.1	46.9
Motor vehicles and equipment	45.0	42.4	44.0	44.5	44.2	45.3	45.0	44.3	44.4	46.4	46.5	46.2	47.0
Nondurable Goods[c]	41.8	43.1	41.9	41.9	42.1	41.8	41.2	40.8	39.6	42.4	42.6	41.9	42.4
Food and kindred products	41.7	41.6	41.8	43.0	41.1	41.3	43.3	42.1	40.2	42.8	41.2	41.5	40.6
Rubber and misc. plastics products	42.6	46.3	43.1	42.1	43.8	43.5	38.9	38.8	37.3	44.1	44.9	43.2	45.2
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	41.3	41.3	40.9	41.4	41.2	40.7	40.8	41.1	41.1	42.1	41.5	42.0	42.3
WHOLESALE TRADE	37.2	37.4	38.2	37.2	37.9	38.5	37.4	37.9	37.5	36.6	36.6	35.8	36.1
RETAIL TRADE	28.8	28.3	29.1	27.8	28.8	29.4	29.6	29.8	29.6	28.5	28.1	28.4	28.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for standby or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-85 RS-790-7-7 (1984)

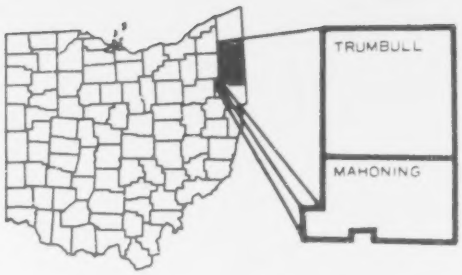
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$502.48	$486.49	$484.80	$488.59	$501.87	$501.99	$495.80	$488.87	$491.64	$506.04	$515.96	$516.34	$533.05
Durable Goods[b]	527.66	505.75	506.87	509.20	527.36	530.40	509.71	513.74	511.83	533.14	540.67	543.40	560.18
Stone, clay, and glass products	507.10	501.77	505.90	520.83	509.47	501.77	497.90	510.94	488.93	474.00	500.82	498.12	498.61
Primary metal industries	480.02	465.82	491.30	476.06	472.08	490.49	496.51	460.59	463.50	501.49	508.11	476.41	527.51
Fabricated metal products	469.88	454.13	466.80	476.11	469.70	479.33	463.33	437.67	470.67	490.17	471.41	478.80	496.04
Metal forgings and stampings	527.61	505.41	491.36	531.73	547.08	531.85	527.46	488.04	510.00	543.33	538.82	567.63	560.30
Machinery, except electrical	440.08	446.38	440.06	449.00	443.40	443.08	435.46	430.87	415.15	435.49	437.38	446.73	444.21
Electric and electronic equipment	488.38	474.47	448.41	488.69	477.04	513.04	465.06	482.31	489.39	493.11	488.08	498.08	526.44
Transportation equipment	630.45	576.40	608.61	613.59	610.42	636.76	624.60	611.34	614.82	654.65	656.53	666.61	667.87
Motor vehicles and equipment	638.05	576.40	604.56	616.33	611.44	636.13	631.80	623.11	621.16	659.81	661.70	669.90	702.65
Nondurable Goods[c]	408.71	416.35	349.31	402.24	396.58	389.89	394.28	396.17	395.21	417.28	429.41	413.42	424.42
Food and kindred products	444.14	445.12	444.33	461.33	435.75	435.60	468.91	462.68	436.57	438.70	443.72	447.79	433.20
Rubber and misc. plastics products	330.15	361.14	347.56	322.07	337.20	333.21	301.25	300.70	296.16	343.54	352.02	342.14	356.63
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	525.58	514.60	505.93	510.88	511.29	503.46	509.59	516.63	533.07	549.83	538.26	550.20	556.67
WHOLESALE TRADE	322.15	328.00	335.79	328.48	335.79	341.88	331.74	335.04	328.13	312.56	308.54	291.41	296.02
RETAIL TRADE[d]	156.36	156.50	153.71	152.07	157.82	156.11	159.54	158.83	160.14	155.33	154.27	156.48	161.26

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 revision." [b]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 614-466-2535 (1984)

YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



In the Youngstown-Warren MSA, the estimated annual average civilian labor force, based on place of residence, decreased 7,500 from 1983 to 218,100 in 1984. Employment rose 3,800 over the year, and unemployment dropped 11,200 to a 1984 total of 26,200. The unemployment rate fell from 16.6 percent in 1983 to 12.0 percent in 1984 (see table, top of page 95).

Manufacturing employment in the Youngstown-Warren area is concentrated in primary metals, transportation equipment, and fabricated metal products. Employment in blast furnace and basic steel products dropped 56.9 percent between 1979 and 1983. During the 1983-1984 recovery period, when employment was rebounding in nearly every sector, the decline continued in blast furnace and basic steel products in Youngstown-Warren (see table, bottom of page 95).

Total nonagricultural wage and salary employment in the area declined 17.1 percent during the recent economic downturns, from 213,900 in 1979 to 177,400 in 1983. However, during the 1983-1984 period, 4,900 of those lost jobs were regained. Greatest improvements were reported in retail trade, services, and construction.

YOUNGSTOWN-WARREN MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)

CIVILIAN LABOR FORCE ESTIMATES

YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Youngstown-Warren	Ohio	U.S.
1970	218.6	205.0	13.6	6.2	5.4	4.9
1971	225.1	207.1	18.0	8.0	6.5	5.9
1972	226.3	212.1	14.8	6.5	5.5	5.6
1973	232.5	221.8	10.8	4.6	4.3	4.9
1974	236.7	223.7	13.0	5.5	4.8	5.6
1975	236.7	204.8	26.9	11.4	9.1	8.5
1976	234.2	210.5	23.7	10.1	7.8	7.7
1977	234.0	215.0	19.0	8.1	6.5	7.1
1978	235.2	217.5	17.7	7.5	5.4	6.1
1979	237.1	219.9	17.1	7.2	5.9	5.8
1980	238.9	210.5	28.4	11.9	8.4	7.1
1981	234.0	205.7	28.2	12.1	9.6	7.6
1982	237.0	190.3	46.6	19.7	12.5	9.7
1983	225.6	188.1	37.4	16.6	12.2	9.6
1984	218.1	191.9	26.2	12.0	9.4	7.5

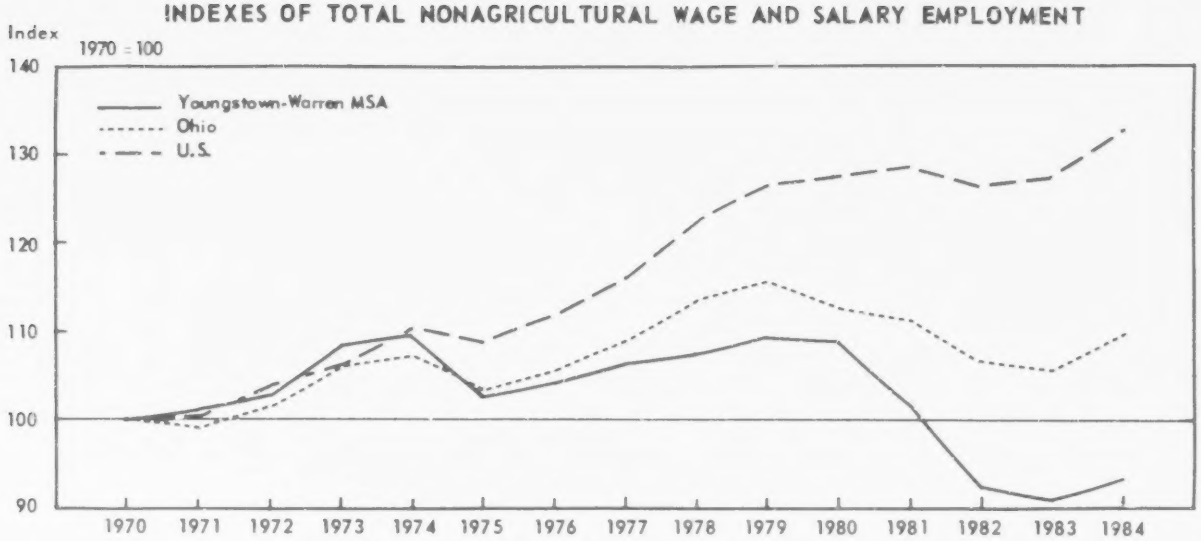
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA 1979, 1983, and 1984

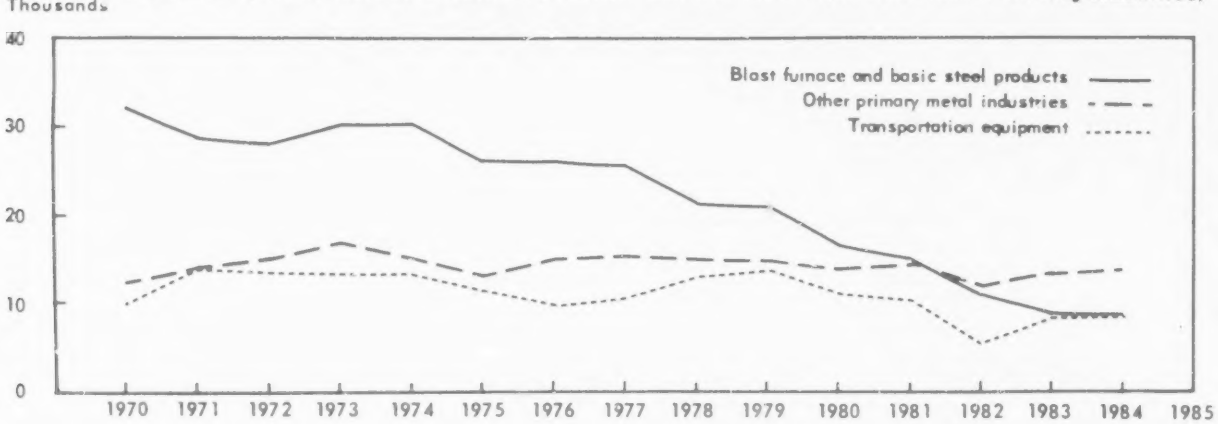
Industry	Employment (in thousands)			Employment Change		Percent Persons	
	1979	1983	1984	1979-1983	1983-1984	Youngstown-Warren	U.S.
TOTAL	219.9	177.4	192.9	- 38.5	4.4	19.8	20.6
MANUFACTURING	73.9	50.8	55.2	- 23.1	2.4	26.4	19.3
Durable Goods	39.0	41.7	44.9	- 29.2	3.2	26.4	12.8
Primary metal industries	34.7	22.4	22.8	- 12.3	.4	9.	1.
Blast furnace and basic steel products	20.3	9.	8.3	- 11.3	- .6	-	.3
Fabricated metal products	9.	7.	8.2	- 2.2	.5	24.0	3.1
Transportation equipment	10.	6.3	6.8	- 3.4	.6	4.9	3.1
Nondurable Goods	4.3	9.	9.3	- 3.4	.3	9.2	6.5
CONSTRUCTION	7.3	4.8	5.6	- 2.5	.7	3.2	4.1
TRANSPORTATION AND PUBLIC UTILITIES	10.1	7.6	7.9	- 2.5	.3	3.8	5.4
WHOLESALE TRADE	8.1	7.7	8.2	- .4	.5	2.4	5.2
RETAIL TRADE	38.5	34.3	36.3	- 4.2	2.	10.5	15.2
FINANCE, INSURANCE, AND REAL ESTATE	7.0	7.1	7.2	.1	.1	+	+
SERVICES	31.2	30.4	34.2	- .8	3.8	+	+
GOVERNMENT	35.8	33.8	35.8	- 2.0	2.0	-	-

+ No downturn, 1979-1983
- No upturn, 1983-1984

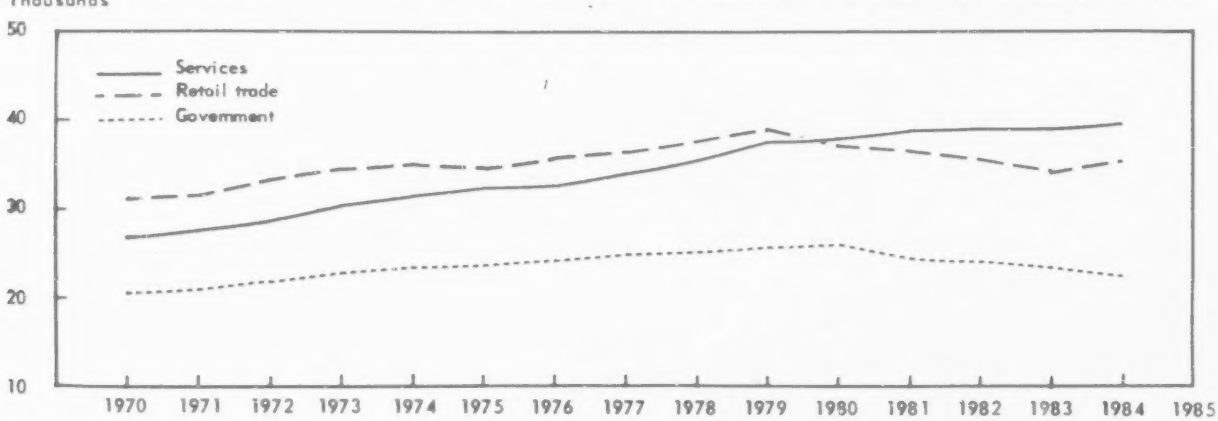
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



YOUNGSTOWN-WARREN MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

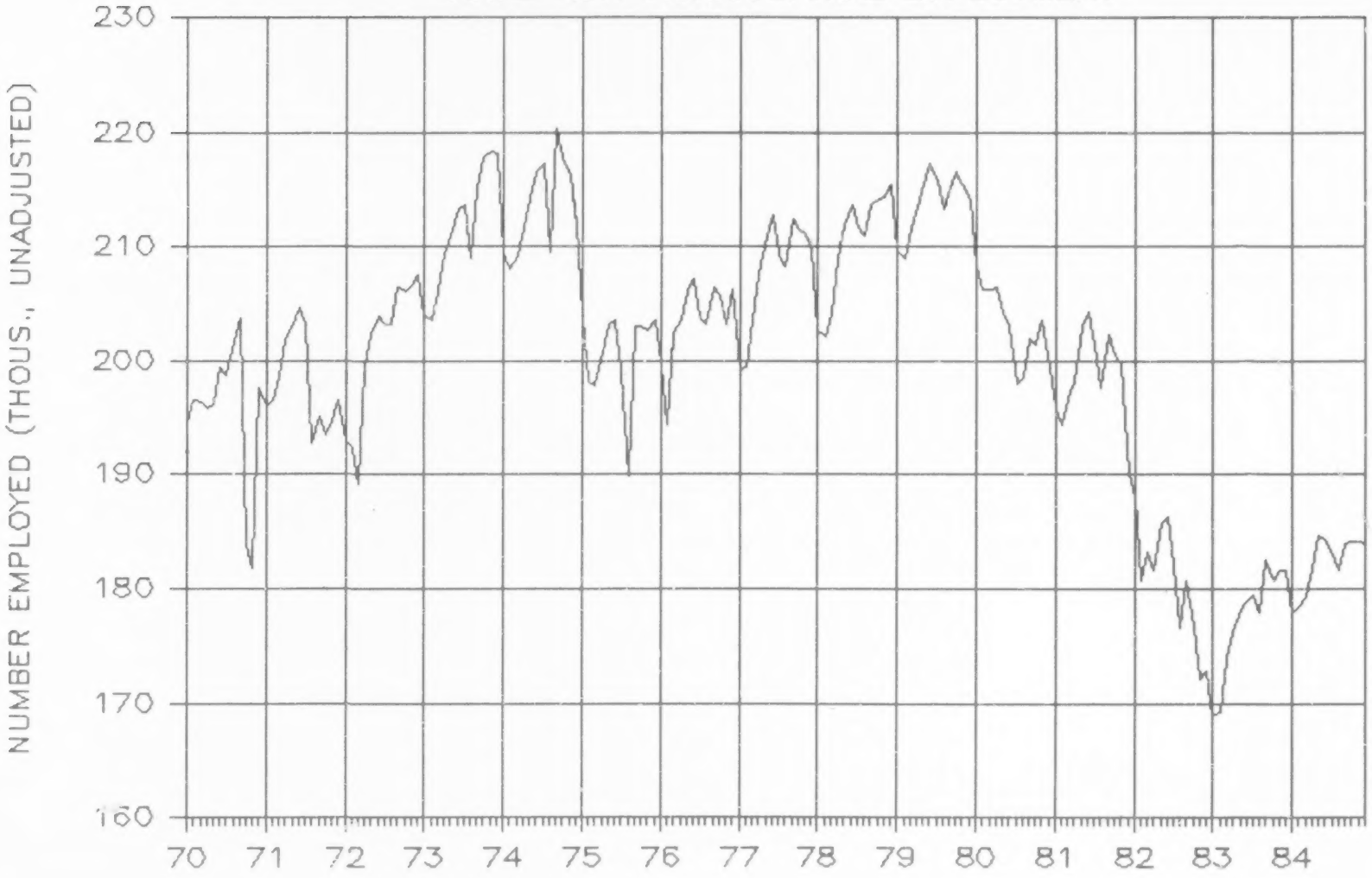


YOUNGSTOWN-WARREN MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



YOUNGSTOWN–WARREN MSA

TOTAL NON–AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	182.3	177.9	178.4	179.4	181.9	184.6	184.3	183.0	181.6	184.0	184.2	184.2	184.0
MANUFACTURING	55.2	54.9	55.1	55.5	56.2	56.1	55.8	55.9	54.0	55.1	54.4	54.4	54.0
Durable Goods[b]	49.9	49.8	50.0	50.4	51.0	50.9	50.5	50.4	49.2	49.5	48.9	48.9	48.6
Primary metal industries	22.8	23.6	23.8	23.4	23.5	23.4	23.6	23.3	21.9	22.2	21.7	22.0	21.8
Blast furnace and basic steel products	8.9	9.6	9.8	9.5	9.6	9.5	9.6	9.3	8.1	8.0	7.7	7.9	7.6
Fabricated metal products	8.2	8.0	7.9	8.1	8.2	8.2	8.3	8.3	8.3	8.2	8.2	8.2	8.2
Machinery, except electrical	3.9	3.6	3.8	4.2	4.4	4.4	3.9	3.8	3.8	3.8	3.7	3.7	3.7
Electric and electronic equipment	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8
Transportation equipment	8.8	8.8	8.8	8.8	8.7	8.8	8.7	8.7	8.8	8.7	8.8	8.7	8.8
Nondurable Goods[c]	5.3	5.1	5.1	5.2	5.2	5.2	5.3	5.5	5.6	5.6	5.5	5.5	5.3
NONMANUFACTURING[d]	127.1	123.0	123.3	123.9	125.7	128.5	128.5	127.1	126.8	128.9	129.8	129.8	130.1
CONSTRUCTION	5.5	4.2	4.2	4.2	4.8	5.4	6.0	6.4	6.4	6.4	6.5	6.1	5.6
TRANSPORTATION AND PUBLIC UTILITIES	7.8	7.6	7.6	7.7	7.8	7.9	7.8	7.7	7.8	7.9	7.9	7.7	7.8
Communication, electric, gas services	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
WHOLESALE TRADE	8.2	7.8	7.8	8.0	8.0	8.1	8.3	8.4	8.4	8.4	8.4	8.4	8.4
Wholesale trade durable goods	5.4	5.2	5.2	5.3	5.3	5.4	5.5	5.6	5.5	5.5	5.5	5.5	5.5
RETAIL TRADE	35.3	34.5	33.9	34.2	34.8	35.3	35.7	35.6	35.7	35.7	35.5	35.9	36.6
General merchandise stores	5.9	6.2	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5 9	6.2	6.5
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.0	7.0	7.1	7.1	7.2	7.3	7.2	7.2	7.2	7.2	7.3	7.3
Banking	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
SERVICES	39.7	38.5	38.7	38.9	39.5	40.3	40.6	40.3	39.9	40.4	40.1	39.9	39.8
Health services	17.8	17.8	17.8	17.8	17.7	17.6	17.8	17.7	17.8	17.8	17.8	17.8	17.7
GOVERNMENT	22.8	22.8	23.3	23.3	23.1	23.6	22.1	20.8	20.9	22.2	23.4	23.9	24.0
State government	3.7	3.6	4.1	4.1	3.7	4.1	4.0	3.1	3.0	2.9	3.6	4.1	4.0
State government education	2.2	2.2	2.7	2.7	2.3	2.7	2.9	1.6	1.5	1.5	2.2	2.6	2.5
State government, except education	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.5
Local government	17.2	17.3	17.4	17.4	17.6	17.7	16.3	15.8	16.0	17.4	17.9	17.9	18.1
Local government education	10.7	11.0	11.2	11.1	11.2	11.2	9.5	9.1	9.2	10.7	11.3	11.4	11.4
Local government, except education	6.5	6.2	6.2	6.3	6.4	6.5	6.8	6.7	6.8	6.7	6.7	6.6	6.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-4-85 RS-790-1-B (1984)

TRADE, INDUSTRIAL, AREA AND SALARY EMPLOYMENT IN [illegible] METROPOLITAN AREA, 1983*
(In Thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	195.5	198.1	201.1	211.6	213.5	200.7	203.5	208.0	210.3	213.9	203.1	198.7	180.6
MANUFACTURING	86.1	88.4	87.9	98.0	92.0	80.8	80.6	81.1	79.4	79.9	70.8	67.3	52.9
Durable Goods[b]	79.0	81.7	82.0	97.0	85.9	74.9	74.5	74.9	73.5	73.9	65.0	61.8	48.0
Primary metal industries	44.3	42.9	43.1	47.0	45.1	39.2	41.0	40.6	36.3	35.7	30.5	29.5	23.2
Blast furnace and basic steel products	32.0	28.7	28.1	30.1	30.1	26.0	26.0	25.4	21.5	20.9	16.6	15.2	11.2
Fabricated metal products	8.9	9.1	8.7	9.6	9.8	8.4	8.5	8.7	9.3	9.7	9.4	9.3	7.9
Machinery, except electrical	6.6	6.4	7.1	7.5	8.5	7.9	7.2	6.7	6.3	6.6	6.5	5.7	4.9
Electric and electronic equipment	3.6	3.9	3.9	3.8	3.6	3.2	3.3	3.3	3.2	3.4	3.2	3.0	2.8
Transportation equipment	10.0	14.1	13.5	13.4	13.4	11.4	9.8	10.4	13.2	13.7	11.2	10.5	5.8
Nondurable Goods[c]	7.0	6.7	6.0	6.1	6.1	5.8	6.1	6.1	5.9	6.0	5.8	5.5	4.9
NONMANUFACTURING[d]	109.5	109.7	113.2	118.5	121.5	120.0	122.9	126.9	130.9	133.9	132.3	131.4	127.7
CONSTRUCTION	8.4	7.0	7.2	7.8	7.4	6.5	6.6	7.4	7.4	7.0	6.6	6.4	5.3
TRANSPORTATION AND PUBLIC UTILITIES	9.9	10.1	9.9	10.3	10.8	9.5	9.6	9.9	10.1	10.1	9.6	9.2	8.2
Communication, electric, gas services	3.2	3.2	3.1	3.2	3.3	3.2	3.1	3.1	3.1	3.2	3.3	3.3	3.4
WHOLESALE TRADE	6.7	6.6	6.7	7.1	7.3	7.2	7.4	7.6	8.1	8.1	7.9	8.1	7.9
RETAIL TRADE	31.1	31.6	33.1	34.6	35.0	34.6	35.9	36.5	37.5	38.5	37.0	36.4	35.4
FINANCE, INSURANCE, AND REAL ESTATE	5.4	5.5	5.8	5.9	6.2	6.3	6.5	6.6	6.8	7.0	7.1	7.1	7.1
SERVICES	26.9	27.7	28.5	30.2	31.3	32.2	32.7	33.8	35.3	37.2	37.9	38.8	38.9
GOVERNMENT	20.7	20.9	21.7	22.5	23.3	23.4	24.0	24.8	25.1	25.6	25.8	24.6	24.0
Local government (includes education)	16.1	16.2	16.7	17.5	18.0	18.1	18.7	19.5	20.0	20.4	20.2	19.2	18.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-20-85 RS-790-0-8

AVERAGE HOURLY EARNINGS OF PRODUCTION & NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$12.84	$12.83	$12.60	$14.01	$12.74	$12.90	$12.82	$13.05	$12.62	$12.84	$12.81	$12.75	$13.10
Durable Goods[b]	13.14	13.10	12.98	13.12	13.09	13.07	13.10	13.17	12.86	13.16	13.13	13.06	13.42
Primary metal industries	13.70	13.29	13.44	13.56	13.54	13.54	13.66	13.65	13.52	13.89	13.84	13.86	14.02
Blast furnace and basic steel products	13.13	12.91	13.05	13.19	13.11	13.24	13.13	13.32	13.17	13.17	13.29	13.17	13.20
Fabricated metal products	13.49	13.02	14.01	14.14	14.07	13.81	13.24	13.08	12.79	13.04	12.94	12.54	13.41
Machinery, except electrical	11.96	11.89	11.58	11.47	11.51	11.46	11.50	11.51	11.47	11.34	11.27	11.23	11.30
Electric and electronic equipment	10.27	10.07	10.17	10.05	10.27	10.17	10.24	10.56	10.27	10.36	10.42	10.35	10.31
Transportation equipment	14.12	14.22	12.48	14.58	13.82	13.82	14.06	14.64	13.48	14.28	14.36	14.24	14.74
Non-Durable Goods[c]	9.02	8.94	8.80	8.81	8.84	9.32	9.16	9.06	8.75	8.96	9.04	9.01	9.27
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	12.35	12.15	12.21	12.20	12.20	12.20	12.33	12.28	12.63	12.61	12.50	12.46	12.40
WHOLESALE TRADE	8.70	8.01	8.16	8.17	8.15	9.12	8.84	8.37	8.46	8.50	8.51	8.43	8.34
RETAIL TRADE[d]	5.75	5.80	5.78	5.80	5.78	5.77	5.70	5.73	5.73	5.74	5.76	5.79	5.66

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone,clay,glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures, textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastic products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus, Ohio 43215 BES-779-LMI(1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN–WARREN METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.3	44.5	43.6	44.7	43.3	43.1	42.8	44.0	42.2	43.5	42.7	42.3	43.0
Durable Goods[b]	43.6	44.8	43.9	45.1	43.5	43.3	42.9	44.4	42.4	43.8	42.9	42.5	43.2
Primary metal industries	41.7	42.0	42.0	41.8	41.5	41.1	41.1	42.0	41.3	42.6	41.8	41.4	41.6
Blast furnace and basic steel products	39.8	40.2	41.0	39.6	40.8	39.7	40.2	39.6	38.9	40.7	39.3	39.6	37.4
Fabricated metal products	43.8	46.5	46.7	47.1	46.2	45.8	43.3	42.0	41.3	43.4	41.8	39.5	42.4
Machinery, except electrical	39.6	39.4	39.3	39.5	39.8	40.5	40.5	40.0	39.4	39.4	39.5	38.8	39.4
Electric and electronic equipment	41.5	40.5	42.6	43.5	43.1	43.9	41.5	41.0	40.1	40.4	41.8	41.5	37.9
Transportation equipment	50.7	55.5	49.1	55.6	48.4	48.3	48.5	55.9	47.5	50.9	48.1	48.8	51.4
Nondurable Goods[c]	40.1	40.2	39.8	39.7	40.3	40.6	41.5	39.6	39.5	39.6	40.3	39.6	40.1
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.4	40.6	40.4	39.8	39.6	40.1	40.9	41.2	40.6	40.9	40.5	40.4	40.2
WHOLESALE TRADE	37.4	36.4	36.8	36.7	36.6	36.0	36.1	38.1	38.8	38.4	38.4	38.5	38.3
RETAIL TRADE	29.4	29.2	29.1	29.3	29.4	29.4	30.3	29.8	29.5	29.2	28.8	28.8	29.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown–Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual–1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products, miscellaneous manufacturing. [c]Includes food and kindred products, tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products, printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d]Low due to labor–management disputes during part of pay period. [e]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4–18–85 RS–790–3–B (1984)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$555.47	$570.94	$544.X	$561.55	$553.81	$551.68	$548.70	$574.20	$[illegible]32.56	$558.54	$546.99	$559.33	$[illegible]3.30
Durable Goods[b]	570.80	589.88	565.43	600.73	569.42	565.93	561.99	593.63	549.50	576.41	563.28	555.05	579.74
Primary metal industries	571.29	597.76	564.48	587.64	561.91	556.44	561.43	585.80	574.80	590.01	578.51	560.73	583.23
Blast furnace and basic steel products	574.[illegible]	619.[illegible]	542.43	560.32	541.05	525.63	527.83	527.47	512.31	530.02	522.30	521.53	493.68
Fabricated metal products	589.11	601.33	604.27	605.99	600.03	604.50	573.29	594.36	528.23	565.44	540.89	495.33	566.58
Machinery, except electrical	454.[illegible]	466.47	455.09	453.07	456.10	464.13	465.75	460.40	451.92	446.80	445.17	439.72	445.22
Electric and electronic equipment	404.61	401.04	413.24	417.18	442.64	448.46	474.96	432.86	411.83	418.54	435.56	423.53	380.75
Transportation equipment	715.[illegible]	749.21	697.32	810.65	668.89	667.51	681.91	818.[illegible]	640.30	726.85	690.72	694.91	757.64
Nondurable Goods[c]	531.30	560.19	520.24	549.76	537.06	538.39	538.44	558.79	545.63	554.62	564.31	556.80	571.73
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	498.94	493.89	494.09	495.36	493.12	489.[illegible]	504.30	505.94	512.78	515.75	506.25	503.[illegible]	496.46
WHOLESALE TRADE	527.[illegible]	509.[illegible]	537.[illegible]	536.54	534.89	529.32	526.54	518.90	528.25	526.40	526.78	524.56	514.42
RETAIL TRADE[d]	164.05	169.[illegible]	166.20	169.74	169.33	169.64	172.71	170.75	169.04	167.61	165.89	165.89	169.23

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 4-5/16 4-10-85 RS-790-2-84 (1984)

METROPOLITAN STATISTICAL AREA REDEFINITIONS

The U.S. Office of Management and Budget defines a Metropolitan Statistical Area as a county containing a city of at least 50,000 in population, or a group of counties with strong economic and social ties and with a total population of at least 100,000, containing an urbanized area of 50,000 or more. Demographic data from the 1980 Census resulted in O.M.B.'s changing the composition of three of the eight major metropolitan areas covered by this publication. These areas have been redefined as follows:

	Old Definition	New Definition
Columbus	Delaware, Fairfield, Franklin, Madison, and Pickaway Counties	Add Licking and Union Counties
Dayton	Greene, Miami, Montgomery, and Preble Counties	Subtract Preble County Add Clark County
Toledo	Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan	Subtract Ottawa County, Ohio and Monroe County, Michigan

This issue contains labor force data for these areas under the new definitions. The table below illustrates the effect of the redefinitions on March 1984 labor force data. The changes reflect rebenchmarking as well as redefinitions. Area titles conform to new definitions; under old definitions, MSA's were SMSA's and Dayton-Springfield was Dayton.

Industry Division	Columbus MSA			Dayton-Springfield MSA			Toledo MSA		
	Old	New	Percent Change	Old	New	Percent Change	Old	New	Percent Change
Civilian Labor Force	571,276	638,576	11.8	383,447	432,224	12.7	367,275	283,256	- 22.9
Total Employed	525,242	584,588	11.3	348,540	392,469	12.6	327,776	255,325	- 22.1
Unemployed									
Total	46,034	53,988	17.3	34,907	39,755	13.9	39,499	27,931	- 29.3
Rate	8.1	8.5	XXX	9.1	9.2	XXX	10.8	9.9	XXX

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,500 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	44
Manufacturing	63
Nonmanufacturing	37
Mining	53
Construction	26
Transportation and Public Utilities	46
Wholesale Trade	22
Retail Trade	24
Finance, Insurance, and Real Estate	43
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1984 benchmark. Employment data for 1984 will be revised at the next benchmark.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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